

CORNELL UNIVERSITY

OFFICIAL PUBLICATION

MARCH 10, 1950

THIRTY-NINTH ANNUAL

Farm and Home Week

OF THE NEW YORK STATE COLLEGES
OF AGRICULTURE, HOME ECONOMICS,
AND VETERINARY MEDICINE

March 20 to 24, 1950



ADMINISTRATION

Cornelis Willem de Kiewiet, Ph.D., Acting President of the University and Provost.
William Irving Myers, Ph.D., Dean of the College of Agriculture and Professor of Farm Finance.

Elizabeth Lee Vincent, Ph.D., Dean of the College of Home Economics.

William Arthur Hagan, D.V.M., M.S., D.Sc., Professor of Veterinary Bacteriology, and Dean of the College of Veterinary Medicine.

Lloyd R. Simons, B.S., Director of Extension and Professor in Extension Service.

William B. Ward, M.S., Professor and Head of Department of Extension Teaching and Information and Editor in Chief of Publications.

Ralph Hicks Wheeler, B.S., Director of Finance, Assistant Treasurer of the University, and Professor in Extension Service.

In Charge of Farm and Home Week

Lincoln D. Kelsey, B.S., Professor in Extension Service.

Caroline Morton, M.A., Assistant to the Dean and Associate Professor of Home Economics.

J. H. Whitlock, D.V.M., Associate Professor of Veterinary Parasitology.

CORNELL UNIVERSITY OFFICIAL PUBLICATION

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(2) Homemakers'.*

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Welcome

The New York State Colleges appreciate your attendance at the thirty-ninth Farm and Home Week. All at Cornell look forward to your annual visit. With the facilities of the Colleges at your service, you can become acquainted with the staff members and the work they are doing and the help they can offer you. In turn, your attendance at demonstrations, your participation in discussions, and your conferences with staff members help the Colleges to understand your needs and to study how to meet them.

INFORMATION

Information Bureau

Visitors may apply to the information bureau on the first floor of Roberts Hall for mail and information. Lost and found articles should be reported here. Information office in Martha Van Rensselaer Hall is Room 102.

Registration

Visitors are requested to register in Roberts Hall and to procure a program. Former students should indicate that fact on the registration card and should give their occupation.

Lecture Rooms and Laboratories

The rooms of the buildings of the Colleges of Agriculture and Home Economics are numbered independently. All rooms on the first floor bear numbers in the first hundred, those on the second floor in the second hundred, and so on. The location of demonstrations and lectures is indicated by giving the name of the building and the number of the room; thus Rice Hall 300 is a lecture room on the third floor of Rice Hall. Savage Hall is behind Bailey Hall. Directions for locating rooms in Martha Van Rensselaer Hall are on page 39.

Rooms

On the first floor of Stone Hall is the headquarters for information concerning rooms and overnight accommodations. A list of available rooms has been prepared, and home owners will be called before any rooms are assigned. No money is accepted at the College. Your dealings will be directly with the landlord.

Checking Room

Rooms in which coats and parcels may be checked free of charge are on the first floor of Stone Hall and in Martha Van Rensselaer Hall, Room 124.

Places to Eat

Cafeteria — Martha Van Rensselaer Hall

The Home Economics Cafeteria is in the west wing on the ground floor of Martha Van Rensselaer Hall. It saves confusion and speeds service if those wishing to eat here observe the routing signs and enter the door designated for cafeteria patrons. This provides maximum space for lines to form inside the building. *The present cafeteria entrance outside the building is used as an exit only.* The cafeteria serves its guests efficiently when larger numbers eat between the hours of 11 a.m. and 12 noon or between 1:15 and 2 p.m.; the hour of 12 noon to 1 p.m. is always the most crowded. *Both dining rooms and service counters are open at the noonday and evening meals, and the same menu is offered at each unit.*

Meals are served at the following hours:

Breakfast (daily)	7:15 a.m. to 9:15 a.m.
Lunch (Monday through Friday)	11 a.m. to 2:00 p.m.
Dinner (Monday through Friday)	5:00 p.m. to 7:00 p.m.

Cafeteria — Willard Straight Hall

Meals are served at the following hours:

Breakfast	7:15 a.m. to 10:30 a.m.
Luncheon	11:45 a.m. to 1:45 p.m.
Dinner	5:15 p.m. to 7:00 p.m.

Ivy Room — Willard Straight Hall

Meals are served at the following hours:

7:30 a.m. to 2:00 p.m.
3:00 p.m. to 5:00 p.m.

Short-order breakfast facilities close and Soda Bar opens at 10:30 a.m.

Dining Room — Willard Straight Hall

Meals are served at the following hours:

Luncheon	12:00 m. to 1:30 p.m.
Dinner	5:45 p.m. to 7:30 p.m.

Lunch rooms

Martha Van Rensselaer Hall Student Lounge (center second floor). Open Monday, 2:30 to 4:30 p.m.; Tuesday through Thursday, 10:30 a.m. to 4:30 p.m.; Friday, 10:30 a.m. to 1:30 p.m. Sandwiches, cookies, fruit, ice cream, coffee, tea, and milk are served. Home economics students under the direction of Omicron Nu, honorary home economics society, and the Home Economics Club operate this unit. Proceeds help to maintain scholarships for worthy students in the College of Home Economics.

Barton Hall. Luncheon service. Open Monday through Friday from 11:15 a.m. to 2:00 p.m. Sandwiches, soups, fresh fruit, ice cream, milk, and coffee are served under the direction of students of the Department of Hotel Administration. Proceeds benefit a student organization.

Wing Hall (first floor). Room B. Open daily from 11 a.m. to 2 p.m. Lunch and beverages are served. This unit is operated by members of the Round-Up Club, an organization of undergraduates majoring in animal husbandry. The proceeds go to this organization.

Dairy Lunch Room (Tower Road, rear of Stocking Hall). Open daily from 7:00 a.m. to 3:00 p.m. Hot meals, sandwiches, milk shakes, and all other dairy foods.

Agricultural Program

LECTURES AND DEMONSTRATIONS

MONDAY, MARCH 20

All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.

9 a.m. Your home vegetable garden. Illustrated. Repeated Wednesday and Friday at 9 a.m. C. B. Raymond. **East Roberts 222**

How gasoline and diesel engines operate. E. B. Wahlgren.

Main Agricultural Engineering Laboratory (East Wing)

Farm welding. Demonstration. Daily at 9, 10, and 11 a.m. and at 3 and 4 p.m. H. Clough and student assistants.

Agricultural Engineering Quonset Laboratory (East End)

"Formation of the Egg" and "Where Chick Life Begins." Motion pictures. **Rice Hall 300**

10 a.m. Pointers in selecting a farm. C. A. Bratton. **Warren Hall Auditorium**

Using wet farm lands for wildlife. With colored slides. Oliver H. Hewitt. **Fernow 122**

Milk houses. Panel discussion. Repeated Thursday at 10 a.m. C. N. Turner, D. W. Bates, and J. C. White. **Stocking Hall 119**

Farm welding. Demonstration. Daily. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Fertilizers. Sound motion pictures. Until 12 m. Repeated Friday at 2 p.m.

What is fertilizer and how is some of it made? Comments by N. C. Brady. **Caldwell Hall 100**

If this were your farm — the conservation calculator in use. Lecture and demonstration. Repeated Thursday at 10 a.m. Harry A. Kerr. **Fernow Hall 210**

Food and nutrition clinic. Demonstrations and group counseling. Daily until 12 m. Free chest X-ray, and measurement of height, weight, and amount of sugar in the blood (diabetes test) available to all visitors. Physician available for consultation regarding X-ray and measurements. Nutritionist on duty for group discussion and counseling. Free printed information. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition. **Savage Hall 130**

"Energy Release from Food." Motion picture in color showing action of vitamins in the body. Repeated Wednesday and Friday at 10 a.m. J. B. Sumner. **Savage Hall 100**

Caponizing. Motion picture and demonstration. Repeated Friday at 10 a.m. F. E. Andrews. **Rice Hall 300**

Animal-nutrition exhibits. Until 4 p.m. Daily. C. M. McCay, in charge. **Stocking Hall 160**

Inspection of swine and experimental hogs. Demonstrations of management and disease control. Meet in Wing Hall, first floor. Transportation provided for those without cars. J. P. Willman, M. D. Lacy, and P. R. Noland.
Swine Barn

Poultry post-mortems. Until 12 m. Daily. E. N. Moore and P. P. Levine.

Moore Laboratory 112

11 a.m. Seed selection and improvement for Future Farmers of America. A. A. Johnson.
Plant Science 233

Father and son farm-business arrangements. Repeated Thursday at 9 a.m. S. W. Warren.
Warren Hall Auditorium

An illustrated visit to New York poultry farms. L. M. Hurd.
Rice Hall 300

Forge work and fitting circular saws. Demonstrations. Repeated Wednesday and Friday at 11 a.m. E. W. Foss and assistants.

Main Agricultural Engineering Laboratory (West Wing)

Mowing-machine maintenance. Repeated Friday at 11 a.m. H. R. Davis and R. P. Rooney.

Main Agricultural Engineering Laboratory (East Wing)

Christmas trees, a farm crop. Lecture and demonstration. J. A. Cope.
Fernow Hall 122

Fertilizers. Sound motion pictures. Continued. See 10 a.m.
Caldwell Hall 100

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Enzymes in action. Demonstration. Repeated Wednesday and Friday at 11 a.m. J. B. Sumner.
Savage Hall 100

Inspection of sheep barns, breeding flocks, and the experimental work at the Waite Farm. Demonstrations of sheep management and disease control. Transportation provided for those without cars. Meet in Wing Hall, first floor. J. P. Willman, G. R. Johnson, and L. B. Embry.
Sheep Barn

Farm welding. Demonstration. Daily. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Poultry post-mortems. Continued. See 10 a.m. **Moore Laboratory 112**

12 m. New York farming in the next half century. V. B. Hart.
Warren Hall Auditorium

Agricultural engineering motion pictures. Daily. P. R. Hoff, C. M. Edwards, and E. W. Foss.
Stocking Hall 218

Slaughtering beef. Demonstration. C. D. Schutt, J. B. Teeter, and J. J. Wanderstock.
Judging Pavilion

Veterinary exhibits. Until 2 p.m. Daily.

Rabies. New York State Veterinary College cooperating with New York State Inter-departmental Rabies Committee. G. C. Poppensiek and A. L. Zeissig, Albany, New York.

Diagnosis of bovine mastitis. S. D. Johnson.

Common parasites of New York State. D. W. Baker.

A new cattle disease in New York State. J. A. Baker.
James Law Hall Museum

- 1 p.m. Variety show. "Noontime Nonsense." By the Kermis Society, a student dramatic club. Admission free. **Bailey Hall Auditorium**
- Animal-husbandry exhibits. Until 5 p.m.
- Market grades of wool. G. R. Johnson and L. B. Embry.
- Sheep breeds. J. P. Willman and P. R. Noland.
- Swine breeds. M. D. Lacy and J. P. Willman.
- Swine feeds. P. R. Noland and J. P. Willman. **Judging Pavilion**
- Veterinary exhibits. Continued. See 12 m. **James Law Hall Museum**
- Insurance in the farm business. L. E. Slater. **Warren Hall Auditorium**
- 2 p.m. The farm-price outlook. Repeated Wednesday at 11 a.m. Dean W. I. Myers. **Warren Hall Auditorium**
- Newest ideas on poultry watering and ventilation. C. N. Turner. **Rice Hall 300**
- Plow adjustment. C. P. Loomis and W. Grub. **Main Agricultural Engineering Laboratory (East Wing)**
- Wild life in Alaska. Lecture with colored motion pictures. G.A. Swanson. **Plant Science 233**
- Discussion and exhibits of animal-feed experiments. Until 4 p.m. R. W. Bratton, presiding.
- Effects of supernormal, normal, and subnormal levels of nutrition on the development of reproductive functions of dairy cattle. R. W. Bratton, J. T. Reid, J. K. Loosli, and G. W. Trimberger.
- Calves raised on normal dry calf starter and starter containing distillers' solubles. S. T. Slack, G. W. Trimberger, K. L. Turk, and J. T. Reid.
- Protein studies with growing and fattening lambs. J. I. Miller and A. B. Nelson. **Judging Pavilion**
- Consultations with poultrymen on individual problems. Until 4:30 p.m. Repeated Tuesday, Wednesday, and Thursday at 2 p.m. P. P. Levine, J. Fabricant, and E. Dougherty. **Moore Laboratory 113**
- 3 p.m. Pastures, and soil and water conservation. Sound motion pictures. Until 5 p.m. Comments by L. Saltonstall, Jr. **Caldwell Hall 100**
- Modern soldering methods, painting, varnishing, and care of paint brushes. Demonstrations. Repeated Wednesday and Friday at 3 p.m. E. W. Foss and assistants. **Main Agricultural Engineering Laboratory (West Wing)**
- Farm fish ponds in New York State. Illustrated with colored slides. Repeated Friday at 2 p.m. Saul Saila and W. F. Clark. **Fernow Hall 122**
- Food and nutrition clinic. Demonstrations and group counseling on food and nutrition. Until 5 p.m. Continued. See 10 a.m. **Savage Hall 130**
- How to use a land-class map. Howard Conklin. **Warren Hall Auditorium**
- Killing and picking poultry. Demonstration. L. M. Hurd and S. N. Ferguson. **Rice Hall Basement**
- The story of digestion in the paunch. Demonstrations, motion pictures, and exhibits of the stomachs of live cows and sheep in action. Until 5 p.m. Repeated Tuesday at 3 p.m. W. M. Hansel, presiding.

"Inside the Cow's Paunch." Motion picture and discussion. Doctors H. H. Dukes and R. W. Dougherty, New York State Veterinary College
Wing Hall A

Inspection of beef cattle, breeding herds, experimental cattle, and barns.
 K. Tillapaugh, M. D. Lacy, and W. M. Thorndyke. **Beef Barns**

Beef display. H. A. Holley and J. J. Wanderstock.
Meat Cutting Room, Wing Hall Basement

Discussions and exhibits of animal-feed experiments. Continued. See
 2 p.m. **Judging Pavilion**

Farm welding. Demonstration. Daily. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Consultations with poultrymen on individual problems. Continued. See
 2 p.m. **Moore Laboratory 113**

Rabies in New York State. Motion pictures and a forum. Repeated
 Wednesday at 3 p.m. New York State Veterinary College cooperating
 with New York State Inter-departmental Rabies Committee. F. H.
 Fox, G. C. Poppensick, and A. L. Zeissig.

James Law Hall Auditorium

3:45 p.m. Demonstrations of the stomach in action in live cattle and sheep.
 Doctor H. H. Dukes, Doctor R. W. Dougherty, and O. Wayman.

How bacteria help digestion. I. W. McDonald, Institute of Animal
 Physiology, Cambridge, England. Repeated Tuesday at 3:45 p.m.
Judging Pavilion

4 p.m. Camping for future farmers in New York State. Colored slides of
 Oswegatchie Camp. Daily. Harold L. Noakes. **Roberts Hall 392**

Hawks and owls. Does the farm need them? Illustrated with colored
 slides and motion pictures. Heinz Meng. **Fernow Hall 122**

Mexico in pictures. Repeated Thursday at 4 p.m. Herrell DeGraff.
Warren Hall Auditorium

Question box and discussion on food and nutrition. Daily. Physician,
 biochemist, and nutritionist from the staffs of the Department of
 Biochemistry and Nutrition and the School of Nutrition.
Savage Hall 100

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Pastures, and soil and water conservation. Continued. See 3 p.m.
Caldwell Hall 100

Farm welding. Demonstration. Daily. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Demonstrations of the stomach in action in live cattle and sheep. Con-
 tinued. See 3:45 p.m. **Judging Pavilion**

Treatment and control of mastitis. Lecture and demonstration. S. D.
 Johnson. **Veterinary Medicine Building (first floor)**

Consultations with poultrymen on individual problems. Continued.
 See 2 p.m. **Moore Laboratory 113**

Tour of lower campus. Repeated daily. Start from Bailey Hall (front)

5 p.m. Feeding and attracting birds about the farm. Colored slides. Oscar
 Hawksley. **Fernow Hall 122**

Evening

6:30 p.m. University intramural track championships. Open to the public.
Admission free. **Barton Hall**

8 p.m. Rice Debate Stage. A debate on the subject, *Resolved: That the Federal Government make available enough state aid to provide tuition-free education for all qualified students up to and including the junior college level, with adequate scholarship aid for completion of professional or nonprofessional college training.* Prizes of \$100 and \$25 are given by Professor Emeritus James E. Rice. Contestants are students in the College of Agriculture who have been selected through previous eliminations. **Warren Hall Auditorium**

TUESDAY, MARCH 21

All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.

9 a.m. Dairy records. Discussion. Repeated Wednesday, Thursday, and Friday at 9 a.m. J. D. Burke. **Wing Hall E**

The cost of producing milk. D. C. Kearl. **Warren Hall Auditorium**

Operation of the pick-up baler. Gerald R. Henderson and N. H. Chadwick. **Main Agricultural Engineering Laboratory (East Wing)**

Problems of the potato grower—what are yours? Until 11 a.m. Repeated Thursday at 9 a.m. E. V. Hardenburg, C. W. Boothroyd, and R. W. Leiby. **East Roberts 222**

Farm welding. Demonstration. Daily at 9, 10, and 11 a.m. and at 3 and 4 p.m. H. Clough and student assistants.

Agricultural Engineering Quonset Laboratory (East End)

"Miscellaneous Turkey Diseases" and "Control of Pullorum Disease." Motion pictures. Doctors E. N. Moore and P. P. Levine. **Rice Hall 300**

Treatment of fractures in large animals. Demonstration. Repeated Wednesday at 9 a.m. A. M. Mills, and J. Kendrick.

Large Animal Clinic

10 a.m. The rural church serving the whole community. Dr. Albert T. Rasmussen, Rochester, New York. **Warren Hall 401**

Current developments in the pricing of milk. Leland Spencer. **Warren Hall Auditorium**

Cut feed costs with fertilizers. Forum. Until 12 m. Repeated Thursday at 10 a.m. L. Saltonstall, Jr., *chairman*.

More and better crops from fertilizer. S. R. Aldrich.

Dollars for feed or fertilizer? S. W. Warren.

Feed by the month or fertilizer by the year on the farm. R. Albrectsen. **Caldwell Hall 100**

Producing better hay and pastures. Symposium. Repeated Thursday at 10 a.m. A. A. Johnson, *chairman*.

What about Ranger alfalfa and other varieties? R. P. Murphy and S. S. Atwood.

Problems in stand establishment. H. A. MacDonald and W. K. Kennedy.

Research in forage entomology. G. G. Gyrisco. **Plant Science 233**

Timely topics in dairy feeding. Forum. Until 12 m. W. T. Crandall, presiding.

Cobalt and other trace minerals. S. E. Smith.

Facts and claims about vitamins for dairy cows. F. B. Morrison.

How important is fat in the dairy ration? J. K. Loosli.

Is there a place for thyro-protein? K. L. Turk. **Wing Hall A**

Strengthening the organizations and services of your community. Round table. Repeated Thursday at 10 a.m. Leader, Olaf F. Larson; consultants, R. A. Polson, Robert C. Clark, Howard E. Thomas, and William W. Reeder. **Warren Hall 240**

Fuel from farm woods. Fred E. Winch, Jr. **Fernow Hall 122**

Problems of the potato grower. Continued. See 9 a.m. **East Roberts 222**

The farm water supply. Repeated Thursday at 10 a.m. F. B. Wright and C. Lamb. **Main Agricultural Engineering Laboratory (West Wing)**

Facts about prefabricated houses. Illustrated. Repeated Thursday at 10 a.m. Glenn H. Beyer. **Martha Van Rensselaer Auditorium**

Farm welding. Demonstration. Daily. See 9 a.m. **Agricultural Engineering Quonset Laboratory (East End)**

Poultry vaccination, dubbing, debeaking, and implanting hormones. Demonstration. Repeated Thursday at 10 a.m. R. K. Cole and F. L. McCartney. **Rice Hall 300**

"Books 'n Things" for church, children, and camps. Mary Esther McWhirter, Philadelphia, Pennsylvania. **Warren Hall 300**

Food and nutrition clinic. Demonstrations and group counseling. Daily until 12 m. Free chest X-ray, and measurement of height, weight, and amount of sugar in the blood (diabetes test) available to all visitors. Physician available for consultation regarding X-ray and measurements. Nutritionist on duty for group discussion and counseling. Free printed information. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition.

Savage Hall 130

"Freezing Fruits and Vegetables at Home." Motion picture in color, with discussion. Repeated Thursday at 10 a.m. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition.

Savage Hall 100

Staff members of the Dairy Department are available for conference on the following subjects (until 12 m.): Care of milk and cream; sanitary regulations in cities, counties, and State; making cottage cheese on the farm; making butter on the farm; testing milk for fat; separation of cream on the farm; dairy arithmetic; flavors of milk—grass silage; operating and cleaning the milking machine. A. C. Dahlberg, E. S. Guthrie, B. L. Herrington, R. F. Holland, J. C. White, H. B. Naylor, V. N. Krukovsky, F. V. Kosikowsky, R. P. March, and W. K. Jordan.

Stocking Hall

Pole barns, their construction and economic importance. Seminar. Howard Conklin, R. G. Murphy, D. W. Bates, and I. W. Bigalow.

Stocking Hall 218

Animal-nutrition exhibits. Until 4 p.m. Daily. C. M. McCay, in charge.

Stocking Hall 160

Marketing beef cattle. Forum. Until 12 m. J. I. Miller, presiding.

Feeder calves. M. D. Lacy.

Purebred breeding stock. William Landauer, Red Hook, New York.

Fat cattle (panel discussion). J. I. Miller; Jake Camp, Cortland, New York; Ray Hemming, Ithaca, New York; C. R. Martin, Buffalo, New York; George Moore, Geneva, New York; and Sam Morrison, Millbrook, New York. **Wing Hall C**

Animal-husbandry exhibits. Until 5 p.m.

Market grades of wool. G. R. Johnson and L. B. Embry.

Swine feeds. P. R. Noland and J. P. Willman. **Judging Pavilion**

Discussions and exhibits of feeding experiments. Until 12 m. R. W. Bratton, presiding.

Effects of supernormal, normal, and subnormal levels of nutrition on the development of reproductive functions of dairy cattle. R. W. Bratton, J. T. Reid, J. K. Loosli, and G. W. Trimberger.

Calves raised on normal dry calf starter and starter containing distillers' solubles. S. T. Slack, G. W. Trimberger, K. L. Turk, and J. T. Reid.

Protein studies with growing and fattening lambs. A. B. Nelson.

Judging Pavilion

Poultry post-mortems. Until 12 m. Daily at 10 a.m. E. N. Moore and P. P. Levine. **Moore Laboratory 112**

11 a.m. The economic outlook for dairy farmers. L. C. Cunningham.

Warren Hall Auditorium

Better oats, wheat, and barley for 1950. Symposium. Repeated Thursday at 11 a.m. E. Kroth, chairman.

Effect of date of planting on oat and barley yields. C. F. Konzak.

Fertilizing wheat and oats for higher yields. L. Saltonstall, Jr., and S. R. Aldrich.

Grain mixtures. N. F. Jensen.

Small-grain diseases. G. C. Kent and L. J. Tyler. **Plant Science 233**

My philosophy of rural life. A. R. Blanchard, Tioga County Agricultural Agent, Owego, New York. **Roberts Hall Assembly**

Vacation church schools and camps. Illustrated. Rev. Alfred G. Bentall, McGraw, New York. **Warren Hall 340**

How New York State families are meeting their health needs. A study in Cortland and Oswego Counties. Olaf F. Larson. **Warren Hall 125**

Dynamic rural-church planning. Symposium. G. Colby Bartlett, Mecklenburg, New York; Ed Mott; Mrs. W. H. Potter, Truxton, New York; Rev. Herbert Loomis, West Winfield, New York. **Warren Hall 401**

"Color Wood Engraving" and "Out of a Chinese Painting Brush." Motion pictures in color. Repeated Wednesday and Thursday at 11 a.m. Elizabeth L. Burckmyer, in charge. **East Roberts 341**

Fruits best adapted for home planting. Elwood Fisher.

Plant Science 141

Treating fence posts. Lecture and demonstration. Repeated Thursday at 11 a.m. J. A. Cope. **Fernow Hall 122**

Food after forty. Repeated Wednesday at 9 a.m. C. M. McCay.

Martha Van Rensselaer Auditorium

Forage harvester operation. C. P. Loomis and W. Grub.
Main Agricultural Engineering Laboratory (East Wing)

Farm welding. Demonstration. Continued. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

How turkeys are grown in New York State. Illustrated. E. Y. Smith.
Rice Hall 300

Cut feed costs with fertilizer. Forum. Continued. See 10 a.m.
Caldwell Hall 100

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Timely topics in dairy feeding. Forum. Continued. See 10 a.m.
Wing Hall A

Marketing beef cattle. Forum. Continued. See 10 a.m. **Wing Hall C**

Discussions and exhibits of feeding experiments. Continued. See 10 a.m.
Judging Pavilion

Bronchitis-control program for 1950. P. P. Levine.
Moore Laboratory 101

Poultry post-mortems. Continued. See 10 a.m. **Moore Laboratory 112**

12 m. Birds on the home front. Colored motion pictures. A. A. Allen.
Bailey Hall Auditorium

Promoting milk consumption. Carl C. Camenga, Syracuse, New York;
 Jacob F. Pratt, Schaghticoke, New York; E. M. Harmon, New York City;
 and E. N. Searls.
Warren Hall Auditorium

Slaughtering beef. Demonstration. C. D. Schutt, J. B. Teeter, J. I.
 Miller, and J. J. Wanderstock.
Judging Pavilion

Agricultural engineering motion pictures. Daily. P. R. Hoff, C. M. Ed-
 wards, and E. W. Foss.
Stocking Hall 218

Veterinary exhibits. Until 2 p.m. Daily.

Rabies. New York State Veterinary College cooperating with New
 York State Inter-departmental Rabies Committee. G. C. Poppen-
 siek and A. L. Zeissig, Albany, New York.

Diagnosis of bovine mastitis. S. D. Johnson.

Common parasites of New York State. D. W. Baker.

A new cattle disease in New York State. J. A. Baker.
James Law Hall Museum

Luncheon and business meeting of the Rural Church Institute. Carl
 Reppert, Addison, New York, president. Group singing and colored
 slides. Admission by ticket.
Warren Hall Seminar

12:30 p.m. Conferences on landscape planning for the home grounds. Until 4
 p.m. Repeated Wednesday and Thursday at 12:30 p.m. Individual
 conferences by appointment. Bring photographs, plans, or sketches
 of your home and property. Landscape consultants: D. J. Bushey,
 J. P. Porter, Donald Pierce, and assistants.
Plant Science 433

1 p.m. "Transplanting Shrubs, Trees, and Evergreens," and "Springtime in
 Holland." Motion pictures in color. Repeated Wednesday and
 Thursday at 1 p.m.
Plant Science 233

Question box on fruit problems: disease and insect control, and cultural
 practices. Repeated Wednesday and Thursday at 1 p.m. W. D. Mills,
 A. A. LaPlante, and M. B. Hoffman.
Plant Science 141

Habits and propagation of common bait fishes in New York. Colored slides. E. C. Raney. **Fernow Hall 122**

"As New York Grew," the story of the progress of handling milk, and "America's Favorite," the story of ice cream. Motion pictures in color. W. F. Shipe, Jr. **Stocking Hall 218**

Cutting beef. J. J. Wanderstock and H. A. Holley. **Wing Hall A**

Veterinary exhibits. Continued. See 12 m. **James Law Hall Museum**

2 p.m. Address. Allan B. Kline, President, American Farm Bureau Federation, Chicago, Illinois. **Bailey Hall Auditorium**

How we did it. Symposium.

Visitation evangelism. Roger Conklin, Genoa, New York.

Youth work. Mrs. William Kline, Odessa, New York.

The Lord's Acre. Rev. Albert Evans, Clyde, New York.

A DP in America. Miss Baibi Bazulis, Latvia. **Warren Hall 401**

Children and worship in summer. Discussion. Mary Esther McWhirter, Philadelphia, Pennsylvania. **Warren Hall 340**

Housing the farm family. Repeated Wednesday at 2 p.m. James E. Montgomery. **Martha Van Rensselaer Hall 215**

Landscape planning for outdoor living. Illustrated with colored slides. Repeated Wednesday at 9 a.m. Donald Pierce. **Plant Science 233**

Inspection of beef-breeding herd. Demonstration of type classification, and discussion of management problems. K. Tillapaugh, J. I. Miller, and M. D. Lacy. **Beef Barn**

Consultations with poultrymen on individual problems. Until 4:30 p.m. Repeated Wednesday and Thursday at 2 p.m. P. P. Levine, J. Fabricant, and E. Dougherty. **Moore Laboratory 113**

3 p.m. Grassland farming. Forum. Until 5 p.m. Repeated Thursday at 3 p.m. R. Bradfield, chairman.

What soil — what crop? H. M. Wilson.

Gas and grass. O. C. French.

Efficient acres and the plow. M. G. Cline.

Crops — work, storage, and how much business. Howard Conklin.

Cows and grass. J. D. Burke. **Caldwell Hall 100**

Better grain and silage corn. Symposium. Repeated Thursday at 3 p.m. L. Saltonstall, Jr., *chairman*.

Hybrid corns for grain. R. G. Wiggans and E. S. Horner.

Planting and fertilizer rates for corn. S. R. Aldrich and L. Saltonstall, Jr.

Grain in corn silage. J. K. Loosli. **Plant Science 233**

The New York State Council of Farmer Cooperatives and its program. H. T. Blewer, Rochester, New York; C. L. Dickenson, Ithaca, New York; Warren Ranney, Ithaca, New York; A. G. Waldo, Canastota, New York; and G. W. Hedlund. **Warren Hall Auditorium**

The mission of the church in the community. Rev. K. A. Roadarmel, Syracuse, New York. "Discussion 66" and summary. William W. Reeder. **Warren Hall 401**

Crafts for rural church children. Mrs. Alfred Bentall, McGraw, New York; and Mrs. Harold Stearns, Cortland, New York. **Warren Hall 340**

Food and nutrition clinic. Demonstrations and group counseling on food and nutrition. Until 5 p.m. Continued. See 10 a.m. **Savage Hall 130**

Manufacture of ice cream and frozen novelties. Demonstration. Repeated Wednesday at 3 p.m. and Thursday and Friday at 2 p.m. **Ice Cream Laboratory, Stocking Hall**

Poultry ranches in San Bernardino and Orange Counties, California. Illustrated. H. E. Botsford. **Rice Hall 300**

Lawns and playfields. Discussion and question period. Eugene Nutter. **Plant Science 143**

Conferences on landscape planning. Continued. See 12:30 p.m. **Plant Science 433**

Success with blueberries. M. B. Hoffman. **Plant Science 141**

Irrigation equipment. Panel discussion. Repeated Thursday at 3 p.m. H. E. Gray and assistants. **Stocking Hall 218**

Farm welding. Demonstration. Daily. See 9 a.m. **Agricultural Engineering Quonset Laboratory (East End)**

Are the fuel and carburetion systems on your tractor in good condition? E. B. Wahlgren. **Main Agric. Engineering Laboratory (East Wing)**

Staff members of the Dairy Department are available for conference. See 10 a.m. **Stocking Hall**

Sound milking practices. Forum, including a demonstration of a detached udder. Until 4 p.m. Repeated Wednesday at 10 a.m. S. J. Brownell, presiding.

The purpose of better milking. A. C. Dahlberg.

The physiology of better milking. L. H. Schultz.

Sanitation in better milking. R. F. Holland.

Better milking for production and profit. Ralph Space, Dryden, New York. **Wing Hall A**

The story of digestion in the paunch. Demonstrations, motion pictures, and exhibits of the stomachs of live cows and sheep. Until 5 p.m. W. M. Hansel, presiding.

"Inside the Cow's Paunch." Motion picture and discussion. Doctors H. H. Dukes and R. W. Dougherty, New York State Veterinary College. **Wing Hall B**

Beef display. H. A. Holley and J. J. Wanderstock.

Meat Cutting Room, Wing Hall Basement

Inspection of experimental steers and discussion of results. J. I. Miller, W. M. Thorndyke, and C. R. Martin, Buffalo, New York. **Beef Barn**

Tour of the remodeled Small Animal Clinic. Repeated Thursday at 3 p.m. E. P. Leonard. **Small Animal Clinic**

Consultation with poultrymen. Continued. See 2 p.m. **Moore Laboratory 113**

3:45 p.m. Demonstrations of the stomach in action in live cattle and sheep. Doctor H. H. Dukes, Doctor R. W. Dougherty, and O. Wayman.

How bacteria help digestion. I. W. McDonald, Institute of Animal Physiology, Cambridge, England. **Judging Pavilion**

4 p.m. Annual flowers for colorful gardens. Robert E. Lee.

Plant Science 233

Milk in western Europe. Illustrated. Leland Spencer.

Warren Hall Auditorium

Meeting of Northeastern Aberdeen Angus Breeders Association. T. M. Scoon, Geneva, New York, President.

Wing Hall C

Tea for the friends of the rural church, and in honor of displaced persons now in central New York. Introductions by the Rev. Dutton S. Peterson, Odessa, New York.

Barnes Hall Lounge

Woodpeckers—do we need them? Illustrated with colored slides and motion pictures. S. Y. Hoyt.

Fernow Hall 122

From Ithaca to Syria by way of Europe and Egypt. Colored slides. W. A. Anderson.

Roberts Hall Assembly

Tour of lower campus. Repeated daily. **Start from Bailey Hall (front)**

Camping for future farmers in New York State. Colored slides of Oswegatchie Camp. Daily. Harold L. Noakes.

Roberts Hall 392

Question box and discussion on food and nutrition. Daily. Physician, biochemist, and nutritionist from the staffs of the Department of Biochemistry and Nutrition and the School of Nutrition.

Savage Hall 100

Food and nutrition clinic. Continued. See 10 a.m.

Savage Hall 130

Brooder-house heating and ventilation tour. No cars necessary. Leave at 4 p.m. from Rice Hall, east door. Repeated Thursday at 4 p.m.

Rice Hall

Drawing and packaging poultry for freezing, home use, or sale. Demonstration. Repeated Thursday at 4 p.m. F. E. Andrews.

Rice Hall 300

Grassland farming. Forum. Continued. See 3 p.m.

Caldwell Hall 100

Farm welding. Demonstration. Daily. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Sound milking machine practices. Forum. Continued. See 3 p.m.

Wing Hall A

5 p.m. The L. A. Fuertes Memorial Collection of Birds. Illustrated with specimens. K. C. Parkes.

Fernow Hall 122

Evening

7 p.m. Meeting of the New York Hereford Breeders Association. Harold Smith, North Rose, New York, President.

Wing Hall C

7:30 p.m. Sacred Oratorio. "Passion according to St. Matthew," set to music by Johann Sebastian Bach. A double choir including a boys' choir, and a double orchestra with vocal and instrumental soloists. The Sage Chapel Choir is under the direction of Professor Donald J. Grouet. The University Orchestra is under the direction of Professor Robert L. Hull. Until about 10 p.m. Admission by free tickets, available at registration desk in Roberts Hall and at Information Office in Martha Van Rensselaer Hall, until Tuesday noon.

Sage Chapel

8 p.m. Cornell Student Grange Meeting. Visiting Grangers welcome. State officers present. F. John MacAbee, 1950, presiding.

Warren Hall Seminar

WEDNESDAY, MARCH 22

All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m.** Your home vegetable garden. Illustrated. Repeated Friday at 9 a.m.
G. J. Raleigh. **East Roberts 222**
- Dairy records. Discussion. Repeated Thursday and Friday at 9 a.m.
J. D. Burke. **Wing Hall E**
- "Producing and Marketing Quality in Eggs." Motion picture. Repeated Friday at 9 a.m. **Rice Hall 300**
- Landscape planning for outdoor living. Illustrated with colored slides.
J. P. Porter. **Plant Science 233**
- Food after forty. C. M. McCay. **Martha Van Rensselaer Auditorium**
- How is the ignition system on your tractor? E. B. Wahlgren.
Main Agricultural Engineering Laboratory (East Wing)
- Farm welding. Demonstration. Daily at 9, 10, and 11 a.m. and at 3 and 4 p.m. H. Clough and student assistants.
Agricultural Engineering Quonset Laboratory (East End)
- Treatment of fractures in large animals. Demonstration. A. M. Mills and J. Kendrick. **Large Animal Clinic**
- 10 a.m.** Putting up the hay crop. Forum. Until 12 m. Repeated Friday at 10 a.m. F. B. Morrison, chairman.
- Hay and machinery. C. W. Terry.
- Hay in the field. H. B. Hartwig.
- Hay in the mow. J. E. Dawson.
- Hay in the cow. J. K. Loosli. **Caldwell Hall 100**
- Progress under the New York State Forest Practice Act. E. W. Littlefield, Supervisor, Forest Management, New York State Conservation Department, Albany, New York. **Fernow Hall 122**
- Egg washing. Lecture and demonstration. G. O. Hall. **Rice Hall 300**
- Flowering shrubs for home-garden planting. Illustrated with colored slides. Francis deVos. **Plant Science 233**
- Dry beans, production and insect control. E. V. Hardenburg and R. W. Leiby. **East Roberts 222**
- Food and nutrition clinic. Demonstrations and group counseling. Daily until 12 m. Free chest X-ray, and measurement of height, weight, and amount of sugar in the blood (diabetes test) available to all visitors. Physician available for consultation regarding X-ray and measurements. Nutritionist on duty for group discussion and counseling. Free printed information. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition. **Savage Hall 130**
- "Energy Release from Food." Motion picture in color showing action of vitamins in the body. Repeated Friday at 10 a.m. J. B. Sumner. **Savage Hall 100**
- Animal-nutrition exhibits. Until 4 p.m. Daily. C. M. McCay, in charge. **Stocking Hall 160**
- Farm-home heating. Repeated Friday at 10 a.m. F. B. Wright and W. Stalder. **Main Agricultural Engineering Laboratory (West Wing)**

Farm welding. Demonstration. Daily. Continued. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Sound milking practices. Forum, including a demonstration of a detached udder. Until 12 m. S. J. Brownell, presiding.

The purpose of better milking. A. C. Dahlberg.

The physiology of better milking. L. H. Schultz.

Sanitation in better milking. J. C. White.

Better milking for production and profit. Ralph Space, Dryden,
 New York. **Wing Hall A**

Staff members of the Dairy Department are available for conference on the following subjects (until 12 m.): Care of milk and cream; sanitary regulations in cities, counties, and State; making cottage cheese on the farm; making butter on the farm; testing milk for fat; separation of cream on the farm; dairy arithmetic; flavors of milk—grass silage; operating and cleaning the milking machine. A. C. Dahlberg, E. S. Guthrie, B. L. Herrington, R. F. Holland, J. C. White, H. B. Naylor, V. N. Krukowsky, F. V. Kosikowsky, R. P. March, and W. K. Jordan.

Cutting and freezing meat, game, fish, and poultry. Motion picture in color. Repeated Friday at 10 a.m. J. J. Wanderstock. **Wing Hall C**

The lamb carcass, its value and use. A cutting demonstration. G. H. Wellington. **Judging Pavilion**

Poultry post-mortens. Until 12 m. Daily at 10 a.m. E. N. Moore and P. P. Levine. **Moore Laboratory 112**

11 a.m. The farm-price outlook. Dean W. I. Myers.

Warren Hall Auditorium

Meeting of the New York Flying Farmers. Reed Adams, Greene, New York, President. **Roberts Hall Assembly**

Practical poultry-feeding problems. G. F. Heuser. **Rice Hall 300**

Small-fruit varieties. Damon Boynton. **Plant Science 141**

Garden flowers for home planting. Illustrated with colored slides. Robert E. Lee. **Plant Science 233**

Enzymes in action. Demonstration. Repeated Friday at 11 a.m. J. B. Sumner. **Savage Hall 100**

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

"Color Wood Engraving" and "Out of a Chinese Painting Brush." Motion pictures in color. Repeated Wednesday at 11 a.m. Elizabeth L. Burckmyer, in charge. **East Roberts 341**

Some common snakes of New York. Illustrated with colored slides. W. J. Hamilton, Jr. **Fernow Hall 122**

Putting up the hay crop. Forum. Continued. See 10 a.m. **Caldwell Hall 100**

Forge work and fitting circular saws. Demonstrations. Repeated Friday at 11 a.m. E. W. Foss and assistants.

Main Agricultural Engineering Laboratory (West Wing)

How to operate the ensilage cutter. Gerald R. Henderson and N. H. Chadwick. **Main Agricultural Engineering Laboratory (East Wing)**

Farm welding. Demonstration. Daily. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Sound milking practices. Forum. Continued. See 10 a.m.

Wing Hall A

Grading lambs. Demonstration. Robert E. Rector, Empire Livestock Marketing Cooperative, Ithaca, New York, and G. R. Johnson.

Judging Pavilion

Poultry post-mortems. Continued. See 10 a.m. **Moore Laboratory 112**

Post-mortem examination of sheep for parasites. D. W. Baker.

Post-mortem Room, Moore Laboratory

- 12 m. North with the birds to Hudson Bay. Illustrated with colored motion pictures. A. A. Allen. **Bailey Hall Auditorium**

Government farm price policies. Herrell DeGraff and Cameron Garmann. **Warren Hall Auditorium**

Agricultural-engineering motion pictures. Daily. P. R. Hoff, C. M. Edwards, and E. W. Foss. **Stocking Hall 218**

Slaughtering lambs. Demonstration. C. D. Schutt, J. B. Teeter, and G. H. Wellington. **Judging Pavilion**

Veterinary exhibits. Until 2 p.m. Daily.

Rabies. New York State Veterinary College cooperating with New York State Inter-departmental Rabies Committee. G. C. Poppensiek and A. L. Zeissig, Albany, New York.

Diagnosis of bovine mastitis. S. D. Johnson.

Common parasites of New York State. D. W. Baker.

A new cattle disease in New York State. J. A. Baker.

James Law Hall Museum

- 12:30 p.m. Conferences on landscape planning for the home grounds. Until 4 p.m. Repeated Thursday at 12:30 p.m. Individual conferences by appointment. Bring photographs, plans, or sketches of your home and property. Landscape consultants: D. J. Bushey, J. P. Porter, Donald Pierce, and assistants. **Plant Science 433**

1. p.m. Cornell University Concert Band. William A. Campbell, director. **Bailey Hall Auditorium**

*Kill weeds in 1950. Illustrated. E. Van Alstine. **Caldwell Hall 100**

"Transplanting Shrubs, Trees, and Evergreens," and "Springtime in Holland." Motion pictures in color. Repeated Thursday at 1 p.m.

Plant Science 233

Question box on fruit problems: disease and insect control, and cultural practices. Repeated Thursday at 1 p.m. W. D. Mills, A. A. LaPlante, and M. B. Hoffman. **Plant Science 141**

"Here's Health," a story about milk, and "Early Birds," comic episodes of milkmen. Motion pictures in color. W. F. Shipe, Jr.

Stocking Hall 218

Breeding improved dairy cattle. Forum and demonstration. Until 3 p.m. R. Albrectsen, presiding.

Breed-association programs for breeding better dairy cattle. Discussions by representatives of the breed associations.

Wing Hall A

Veterinary exhibits. Continued. See 12 m. **James Law Hall Museum**

1:30 p.m. New York State Championship Sheep Shearing Contest. Eliminations until 3 p.m. Finals at 7 p.m. G. R. Johnson.

Judging Pavilion

2 p.m. Address. Alvin C. Eurich. President, State University of New York, Albany. Introduction by C. W. de Kiewiet, Acting President, Cornell University.

Bailey Hall Auditorium

Housing the farm family. James E. Montgomery.

Martha Van Rensselaer Hall 215

Breeding improved dairy cattle. Forum and demonstration. Continued. See 1 p.m.

Wing Hall A

Rat control for the farm. Illustrated. W. R. Eadie. **Fernow Hall 122**

Consultations with poultrymen on individual problems. Until 4:30 p.m. Repeated Thursday at 2 p.m. P. P. Levine, J. Fabricant, and E. Dougherty.

Moore Laboratory 113

3 p.m. My experience with birdsfoot trefoil. Ray Bender, Essex County Agricultural Agent, Westport, New York.

Roberts Hall Assembly

Historical documents gathered from New York farms and homes. Mrs. Edith M. Fox.

Warren Hall 125

Changes in farming and what they mean to you. S. W. Warren.

Warren Hall Auditorium

Pen-stabling dairy cows. Panel discussion. Farmers and members of the Departments of Animal Husbandry, Dairy Industry, and Agricultural Engineering. Until 5 p.m. A. M. Goodman, chairman.

Stocking Hall 218

A look at European agriculture in 1949. H. A. MacDonald.

Caldwell Hall 100

How to select and cull poultry. G. O. Hall.

Rice Hall 300

The role of the National Parks in conservation. Illustrated with colored slides of Mount Rainier. A. S. Bradshaw.

Plant Science 233

Banding birds—why and how. Illustrated with colored slides. R. B. Fischer.

Fernow Hall 122

Conferences on landscape planning for the home grounds. Continued. See 12:30 p.m.

Plant Science 433

Management of dwarf fruit trees. Karl D. Brase.

Plant Science 141

Food and nutrition clinic. Demonstrations and group counseling. Continued. See 10 a.m. Daily. Until 5 p.m.

Savage Hall 130

Staff members of the Dairy Department are available for conferences. See 10 a.m.

Stocking Hall

Manufacture of ice cream and frozen novelties. Demonstration. Repeated Thursday and Friday at 2 p.m.

Ice Cream Laboratory, Stocking Hall

Modern soldering methods, painting, varnishing, and care of paint brushes. Demonstrations. Repeated Friday at 3 p.m. E. W. Foss and assistants. **Main Agricultural Engineering Laboratory (West Wing)**

Corn-binder adjustment. H. R. Davis and R. P. Rooney.

Main Agricultural Engineering Laboratory (East Wing)

Farm welding. Demonstration. Daily. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Display of lamb and mutton cuts. Until 4:30 p.m. H. A. Holley and G. H. Wellington. **Meat Cutting Room, Wing Hall Basement**

Dairy-herd improvement. Forum. Until 5 p.m.

Demonstration of genetic analysis using animals from the Cornell herd. G. W. Trimberger.

Possibilities and limitations of herd improvement through breeding. C. R. Henderson. **Judging Pavilion**

Consultations with poultrymen. Continued. See 2 p.m.

Moore Laboratory 113

Rabies in New York State. Motion picture and a forum. New York State Veterinary College cooperating with New York State Inter-departmental Rabies Committee. **James Law Hall Auditorium**

3:30 p.m. Inspection of lambs on experimental feeding at Waite Farm. Visitors are asked to meet at the Judging Pavilion. Transportation will be provided for those without cars. J. P. Willman and L. B. Embry.

Sheep Barn

Dress review of students' work in clothing, and appropriate flowers to wear. Staged cooperatively. Repeated Thursday at 3:30 p.m. Miss Ora Singleton, chairman; Eleanore Adam; Gladys Butt; Margaret Humphrey; Ruth Scott; Susan Colton; and Phyllis Reuning; from the Department of Clothing. Miss Vera Hakanson and Mr. Raymond Fox, from the Department of Floriculture and Ornamental Horticulture.

Bailey Hall Auditorium

4 p.m. New York State in the Homespun Age. Jared Van Wagenen, Jr., Lawyersville, New York. **Roberts Hall Assembly**

Crops and soils across northern United States. Illustrated. S. R. Aldrich. **Caldwell Hall 100**

Far north Finland. Illustrated with colored slides. J. A. Cope.

Plant Science 233

New Zealand in pictures. E. L. Palmer. **Warren Hall Auditorium**

Cutting broilers and fowl; packaging for freezing, for home use, and for sale. R. C. Baker. **Rice Hall 300**

The starling and agriculture. Illustrated with specimens and photographs. B. Kessel. **Fernow Hall 122**

Camping for Future Farmers in New York State. Colored slides of Oswegatchie Camp. Daily. Harold L. Noakes. **Roberts Hall 392**

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Question box and discussion on food and nutrition. Daily. Physician, biochemist, and nutritionist from the staffs of the Department of Biochemistry and Nutrition and the School of Nutrition.

Savage Hall 100

Tour of lower campus. Repeated daily. Start from Bailey Hall (front)

Farm welding. Demonstration. Daily. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Pen-stabling dairy cows. Continued. See 3 p.m. **Stocking Hall 218**

Dairy-herd improvement. Forum. Continued. See 3 p.m.

Judging Pavilion

Treatment and control of mastitis. Lecture and demonstration. S. D. Johnson. **Veterinary Medical Building (first floor)**

- 5 p.m. Interesting and strange birds of India. Illustrated with colored slides.
W. Dilger. **Fernow Hall 122**

Evening

- 7 p.m. New York State Championship Sheep Shearing Contest. Finals.
Judging Pavilion
- 8 p.m. Handling sheep with the aid of a dog. Demonstration. G. L. Hunt,
shepherd, Cornell University. **Judging Pavilion**
- 8:15 p.m. Variety show. "Kampus Kartwheels."
By Kermis Society. A student dramatic club. Admission charged.
Proceeds go to this organization. **Martha Van Rensselaer Auditorium**

THURSDAY, MARCH 23

*All lectures and demonstrations begin on the hour and continue for 45 minutes.
Unless otherwise indicated, all speakers and demonstrators are members of the
staff of Cornell University.*

- 9 a.m. Father and son farm-business arrangements. S. W. Warren.
Warren Hall Auditorium

Soils and fertilizers for flower gardens. Kenneth Post.
Plant Science 233

"Range Brooding and Rearing Chicks," brooding chicks in permanent
brooder houses. Motion picture. **Rice Hall 300**

Dairy records. Discussion. Repeated Friday at 9 a.m. J. D. Burke.
Wing Hall E

Problems of the potato grower—what are yours? Until 11 a.m. E. V.
Hardenburg, C. W. Boothroyd, and R. W. Leiby. **East Roberts 222**

Combine adjustments. P. H. Wilson and F. J. Newcomb.
Main Agricultural Engineering Laboratory (East Wing)

Farm welding. Demonstration. Daily at 9, 10, and 11 a.m. and at 3
and 4 p.m. H. Clough and student assistants.
Agricultural Engineering Quonset Laboratory (East End)

- 10 a.m. Cut feed costs with fertilizers. Forum. Until 12 m. L. Saltonstall, Jr.,
chairman.

More and better crops from fertilizer. S. R. Aldrich.

Dollars for feed or fertilizer? S. W. Warren.

Feed by the month or fertilizer by the year on the farm. R. Albrect-
sen. **Caldwell Hall 100**

Producing better hay and pastures. Symposium. E. Van Alstine, chair-
man.

What about Ranger alfalfa and other varieties? R. P. Murphy and
S. S. Atwood.

Problems in stand establishment. H. A. MacDonald and W. K.
Kennedy.

Research in forage entomology. G. G. Gyrisco. **Plant Science 143**

Ways to acquire a farm. C. A. Bratton. **Warren Hall Auditorium**

The farm water supply. F. B. Wright and C. Lamb.
Main Agricultural Engineering Laboratory (West Wing)

If this were your farm — the conservation calculator in use. Lecture and demonstration. H. A. Kerr. **Fernow Hall 210**

Facts about prefabricated houses. Illustrated. Glenn H. Beyer. **Roberts Hall Assembly**

Improved wood-burning equipment. F. E. Winch, Jr. **Fernow Hall 122**

Home lawns and community playfields. Lecture and discussion period. John F. Cornman. **Plant Science 233**

Poultry vaccination, dubbing, debeaking, and implanting hormones. Demonstration. R. K. Cole and F. L. McCartney. **Rice Hall 300**

Strengthening the organizations and services of your community. Round table. Leader, Olaf Larson; consultants, R. A. Polson, Robert C. Clark, Howard E. Thomas, and William W. Reeder. **Warren Hall 240**

Food and nutrition clinic. Demonstrations and group counseling. Daily until 12 m. Free chest X-ray, and measurements of height, weight, and amount of sugar in the blood (diabetes test) available to all visitors. Physician available for consultation regarding X-ray and measurements. Nutritionist on duty for group discussion and counseling. Free printed information. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition. **Savage Hall 130**

"Freezing Fruits and Vegetables at Home." Motion picture in color, with discussion. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition. **Savage Hall 100**

Better pastures for higher profits. Forum. Until 12 m. K. L. Turk, presiding.

What good pastures can mean to New York dairymen. W. T. Crandall.

Experimental results of different pastures for milk production. J. T. Reid.

Planning an all-season pasture program. W. K. Kennedy. **Wing Hall A**

Problems of the potato grower — what are yours? Continued. See 9 a.m. **East Roberts 222**

Farm welding. Demonstration. Daily. See 9 a.m. **Agricultural Engineering Quonset Laboratory (East End)**

Animal-nutrition exhibits. Until 4 p.m. Daily. C. M. McCay, in charge. **Stocking Hall 160**

Student livestock show. A display of dairy cattle, beef cattle, horses, sheep, and swine. Until 12 m. and from 1 until 4 p.m. Prizes awarded to students in Cornell University who exhibit superior skill in fitting animals and in showmanship. Round-up Club in charge. **Judging Pavilion**

Staff members of the Dairy Department are available for conference on the following subjects (until 12 m.): Care of milk and cream; sanitary regulations in cities, counties, and State; making cottage cheese on the farm; making butter on the farm; testing milk for fat — facts about grass silage; operating and cleaning the milking machine. A. C. Dahlberg, E. S. Guthrie, B. L. Herrington, R. F. Holland, J. C. White, H. B. Naylor, V. N. Krukovsky, F. V. Kosikowsky, R. P. March, and W. K. Jordan. **Stocking Hall**

Milk houses. Panel discussion. C. N. Turner, D. W. Bates, and J. C. White. **Stocking Hall 119**

Poultry post-mortems. Until 12 m. Daily at 10 a.m. E. N. Moore and
P. P. Levine. **Moore Laboratory 112**

11 a.m. This and that. F. A. Pearson. **Warren Hall Auditorium**

Values in rural living as seen by young people and adults. W. A.
Anderson. **Warren Hall 125**

Spring-flower arrangements. Demonstration. Raymond Fox.
Plant Science 233

Management of small-fruit plantings. L. J. Edgerton. **Plant Science 141**

Treating fence posts. Lecture and demonstration. J. A. Cope.
Fernow Hall 122

Better oats, wheat, and barley for 1950. Symposium. A. A. Johnson,
chairman.

Effect of date-of-planting on oat and barley yields. C. F. Konzak.

Fertilizing wheat and oats for higher yields. L. Saltonstall, Jr. and
S. R. Aldrich.

Grain mixtures. N. F. Jensen.

Small-grain diseases. G. C. Kent and L. J. Tyler. **Plant Science 143**

Weed-spray equipment. J. E. Scofield and I. W. Bigalow.
Main Agricultural Engineering Laboratory (East Wing)

An illustrated tour to Pennsylvania poultry farms. R. C. Baker.
Rice Hall 300

"Color Wood Engraving" and "Out of a Chinese Painting Brush."
Motion pictures in color. Elizabeth L. Burckmyer, in charge.
East Roberts 341

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Staff members of the Dairy Department are available for conference. See
10 a.m. **Stocking Hall**

Farm welding. Demonstration. Daily. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Cut feed costs with fertilizers. Forum. Continued. See 10 a.m.
Caldwell Hall 100

Relation of the kind and quality of roughage to the flavor of milk.
V. N. Krukovsky. **Stocking Hall 218**

Better pastures and higher profits. Forum. Continued. See 10 a.m.
Wing Hall A

Student livestock show. Continued. See 10 a.m. **Judging Pavilion**

Poultry post-mortems. Continued. See 10 a.m. **Moore Laboratory 112**

12 m. Cruising the Labrador coast. Illustrated with motion pictures. A. A.
Allen. **Bailey Hall Auditorium**

Farm-management suggestions for 1950. M. C. Bond.
Warren Hall Auditorium

Cackles from the hen coop. L. B. Darrah and Wendell Earle.
Rice Hall 300

Agricultural-engineering motion pictures. Daily. P. R. Hoff, C. M.
Edwards, and E. W. Foss. **Stocking Hall 218**

Veterinary exhibits. Until 2 p.m. Daily.

Rabies. New York State Veterinary College cooperating with New York State Inter-departmental Rabies Committee. G. C. Poppen-siek and A. L. Zeissig, Albany, New York.

Diagnosis of bovine mastitis. S. D. Johnson.

Common parasites of New York State. D. W. Baker.

A new cattle disease in New York State. J. A. Baker.

James Law Hall Museum

12:15 p.m. Alumni luncheon. For alumni and former students of the College of Agriculture and members of the Faculty. Followed by a short business meeting of the Alumni Association of the College, at 1 p.m.

Terrace Room, Willard Straight Hall

12:30 p.m. Conferences on landscape planning for the home grounds. Until 4 p.m. Individual conferences by appointment. Bring photographs, plans, or sketches of your home and property. Landscape consultants; D. J. Bushey, J. P. Porter, Donald Pierce, and assistants.

Plant Science 433

1 p.m. How can young adults take advantage of their opportunities? Panel. Lacey Woodward, moderator; Robert C. Clark; Edward Pope; Ruth Deacon; and C. A. Bratton.

Warren Hall Auditorium

Question box on fruit problems: disease and insect control, and cultural practices. W. D. Mills, A. A. LaPlante, and M. B. Hoffman.

Plant Science 141

"Transplanting Shrubs, Trees, and Evergreens," and "Springtime in Holland." Motion pictures in color.

Plant Science 233

"Historic Philadelphia," ice cream manufacture, and "Quality Milk." Motion pictures in color. W. F. Shipe, Jr.

Stocking Hall 218

Student livestock show. Continued. See 10 a.m.

Judging Pavilion

Veterinary exhibits. Continued. See 12 m.

James Law Hall Museum

Motion pictures.

Bailey Hall Auditorium

2 p.m. The future of family life in America. Symposium. Elizabeth Lee Vincent, Dean of the College of Home Economics, chairman; Mrs. Ralph Reid, President of the New York State Federation of Home Bureaus, Salem, New York; Jack Dean, young farmer, Sherman, New York; Mrs. Rosemary Wilson, young homemaker, Oswego, New York; L. S. Cottrell, Jr., Professor of Sociology and Dean of the College of Arts and Sciences; R. C. Smart, Professor of Child Development and Family Relationships.

Bailey Hall Auditorium

A few old-world gardens. With colored slides. Clement G. Bowers, Maine, New York.

Plant Science 233

Wild animals of New York State. Illustrated with colored slides. W. J. Hamilton, Jr.

Fernow Hall 122

Conferences on landscape planning. Continued. See 12:30 p.m.

Plant Science 433

Process cheese manufacture. Demonstration. Until 4 p.m.

Do you know cheese quality? Taste samples and compare with judges' opinions.

Questions answered on cheese-making problems. F. V. Kosikowsky and R. P. March.

Cheese Laboratory, Stocking Hall

Manufacture of ice cream and frozen novelties. Demonstration. Until 4 p.m. Daily. D. D. Marlatt.

Ice Cream Laboratory, Stocking Hall

Staff members of the Dairy Department are available for conference. See 10 a.m.

Stocking Hall

Student livestock show. Continued. See 10 a.m.

Judging Pavilion

Consultation with poultrymen on individual problems. Until 4:30 p.m. P. P. Levine, J. Fabricant, and E. Dougherty. **Moore Laboratory 113**

3 p.m. Grassland farming. Forum. Until 5 p.m. R. Bradfield, chairman.

What soil — what crop? H. M. Wilson.

Gas and grass. O. C. French.

Efficient acres and the plow. M. G. Cline.

Crops — work, storage, and how much business. Howard Conklin.

Cows and grass. J. D. Burke.

Caldwell Hall 100

Programs in two New York central schools. Motion pictures. J. E. Butterworth.

Roberts Hall Assembly

New developments in marketing. M. E. Brunk. **Warren Hall Auditorium**

Better grain and silage corn. Symposium. R. L. Cushing, chairman.

Hybrid corns for grain. R. G. Wiggans and E. S. Horner.

Planting and fertilizer rates for corn. S. R. Aldrich and L. Saltonstall, Jr.

Grain in corn silage. J. K. Loosli.

Plant Science 233

Handling and storage of fruits after harvest. R. M. Smock.

Plant Science 141

Hot-water heat for brooder houses. Forum. P. R. Hoff, L. M. Hurd, Roger Blakely, Pulaski, New York; John V. B. Rice, Trumansburg, New York; and Ralph Ward, Odessa, New York.

Rice Hall 300

Food and nutrition clinic. Demonstration and group counseling. Continued. See 10 a.m. Daily. Until 5 p.m.

Savage Hall 130

Bird art and artists. With colored slides. K. C. Parkes.

Fernow Hall 122

Yellowstone National Park. Motion pictures in color. A. C. Dahlberg.

Stocking Hall 119

Conferences on landscape planning for the home grounds. Continued. See 12:30 p.m.

Plant Science 433

Manufacture of ice cream and frozen novelties. Demonstration. Continued. See 2 p.m.

Ice Cream Laboratory, Stocking Hall

Process cheese manufacture. Demonstration. Continued. See 2 p.m.

Cheese Laboratory, Stocking Hall

Irrigation equipment. Panel discussion. H. E. Gray and assistants.

Stocking Hall 218

Tractor electrical equipment: operational care. E. B. Wahlgren.

Main Agricultural Engineering Laboratory (East Wing)

Farm welding. Demonstration. Daily. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Student livestock show. Continued. See 10 a.m.

Judging Pavilion

Consultations with poultrymen on individual problems. Continued.
See 2 p.m. **Moore Laboratory 113**

Tour of the remodeled Small Animal Clinic. E. P. Leonard.
Small Animal Clinic

3:30 p.m. Dress review of students' work in clothing, and appropriate flowers to wear. Staged cooperatively. Miss Ora Singleton, chairman; Eleanore Adam; Gladys Butt; Margaret Humphrey; Ruth Scott; Susan Colton; and Phyllis Reuning; from the Department of Clothing. Miss Vera Hakanson and Mr. Raymond Fox, from the Department of Floriculture and Ornamental Horticulture. **Bailey Hall Auditorium**

4 p.m. Five months in New Zealand. Illustrated with colored slides and motion pictures. E. L. Palmer. **Plant Science 233**

Mexico in pictures. Herrell DeGraff. **Warren Hall Auditorium**

India and Burma from Bombay to Mandalay. Illustrated with colored slides. W. A. Anderson. **Roberts Hall Assembly**

How to use "Discussion 66." William W. Reeder. **Warren Hall 240**

Tour of lower campus. Repeated daily. **Start from Bailey Hall (front)**

Camping for Future Farmers in New York State. Colored slides of Oswegatchie Camp. Daily. Harold L. Noakes. **Roberts Hall 392**

Drawing and packing poultry for freezing, home use, or sale. Demonstration. H. E. Botsford. **Rice Hall 300**

Bird population about the farm. Illustrated. M. Hensley.
Fernow Hall 122

Brooder-house heating and ventilation tour. No cars necessary. Leave at 4 p.m. from Rice Hall, east door. C. W. Terry. **Rice Hall**

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Question box and discussion on food and nutrition. Daily. Physician, biochemist, and nutritionist from the staffs of Department of Biochemistry and Nutrition and School of Nutrition. **Savage Hall 100**

Grassland farming. Forum. Continued. See 3 p.m. **Caldwell Hall 100**

Farm welding. Demonstration. Daily. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

Membership meeting of the New York State Draft Horse Club. J. M. Briggs, Ithaca, New York, president. **Wing Hall C**

Membership meeting of the New York State Cooperative Bull Association. R. Albrectsen, presiding. **Wing Hall E**

Young adult clinics

Program planning for young adults. Robert C. Clark.
Warren Hall 125

Resources of recreational material. Bernice Scott. **Warren Hall 201**

4:30 p.m. Milkmaid contest. **Judging Pavilion**

5 p.m. Home life of birds. Illustrated with colored motion pictures. S. Y. Hoyt. **Fernow Hall 122**

Evening

8 p.m. Eastman Stage Contest. Thirty-ninth annual speaking contest for prizes of \$100 and \$25 given by A. R. Eastman. Contestants are stu-

dents in the College of Agriculture who have been selected through previous eliminations. **Warren Hall Auditorium**

- 9 p.m. Country dance, round and square with a grand march. Music by the Woodhull Boys. Admission 74 cents. Sponsored by student Ag-Domecon Association and Extension Young Adult Program. **Barton Hall**

FRIDAY, MARCH 24

All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m. Your home vegetable garden. Illustrated. A. J. Pratt. **East Roberts 222**

Dairy records. Discussion. J. D. Burke. **Wing Hall E**

"Producing and Marketing Quality in Eggs." Motion picture. **Rice Hall 300**

Corn-picker adjustments. B. L. Bondurant and W. N. Weston. **Main Agricultural Engineering Laboratory (East Wing)**

Farm welding. Demonstration. Until 12 m. Repeated at 3 and 4 p.m. H. Clough and student assistants. **Agricultural Engineering Quonset Laboratory (East End)**

- 10 a.m. Putting up the hay crop. Forum. Until 12 m. F. B. Morrison, chairman.

Hay and machinery. C. W. Terry.

Hay in the field. H. B. Hartwig.

Hay in the mow. J. E. Dawson.

Hay in the cow. J. K. Loosli. **Caldwell Hall 100**

Breeding troubles in dairy cattle. Forum. Until 12 m. S. A. Asdell, presiding.

Normal reproduction in the cow. W. M. Hansel.

Experiences in the University herd. G. W. Trimberger.

Pathology in relation to sterility. Doctor K. McEntee. **Wing Hall A**

Caponizing. Motion picture and demonstration. R. C. Baker. **Rice Hall 300**

Farm-home heating. F. B. Wright and W. Stalder. **Main Agricultural Engineering Laboratory (West Wing)**

Lessons in merchandising apples. L. E. Slater. **Warren Hall Auditorium**

The chemical control of woody weeds. Lecture and demonstration. J. A. Cope. **Fernow Hall 122**

Food and nutrition clinic. Demonstrations and group counseling. Until 12 m. Free chest X-ray, and measurement of height, weight, and amount of sugar in the blood (diabetes test) available to all visitors. Physician available for consultation regarding X-ray and measurements. Nutritionist on duty for group discussion and counseling. Free printed information. Staff members of the Department of Biochemistry and Nutrition and the School of Nutrition. **Savage Hall 130**

"Energy Release from Food." Motion pictures in color showing action of vitamins in the body. J. B. Sumner. **Savage Hall 100**

Nature and science books for children. With exhibit. Eva L. Gordon. **Fernow Hall 210**

Farm welding. Demonstration. Daily. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East Wing)

Staff members of the Dairy Department are available for conference on the following subjects (until 12 m.): Care of milk and cream; sanitary regulations in cities, counties, and State; making cottage cheese on the farm; making butter on the farm; testing milk for fat—grass silage; operating and cleaning the milking machine. A. C. Dahlberg, E. S. Guthrie, B. L. Herrington, R. F. Holland, J. C. White, H. B. Naylor, V. N. Krukovsky, F. V. Kosikowsky, R. P. March, and W. K. Jordan.

Stocking Hall 119

Animal-nutrition exhibits. Until 4 p.m. C. M. McCay, in charge.

Stocking Hall 160

Cutting and freezing meat, game, fish, and poultry. Motion pictures in color. J. J. Wanderstock.

Wing Hall C

Swine production problems. Round table. M. D. Lacy, chairman; P. R. Noland, J. P. Willman, C. R. Henderson, and Doctor S. J. Roberts.

Wing Hall E

Poultry post-mortems. Until 12 m. E. N. Moore and P. P. Levine.

Moore Laboratory 112

11 a.m. The cost of public welfare. E. A. Lutz. **Warren Hall Auditorium**

Enzymes in action. Demonstration. J. B. Sumner. **Savage Hall 100**

A modern program for fish culture. A. M. Phillips, Jr.

Bass Research on Cayuga Lake. Colored motion picture. D. A. Webster.

Fernow Hall 122

Forge work and fitting circular saws. Demonstration. E. W. Foss and assistants.

Main Agricultural Engineering Laboratory (West Wing)

Mowing-machine maintenance. P. H. Wilson and F. J. Newcomb.

Main Agricultural Engineering Laboratory (East Wing)

Practical poultry-disease problems. Illustrated. Doctor P. P. Levine.

Rice Hall 300

Putting up the hay crop. Forum. Continued. See 10 a.m.

Caldwell Hall 100

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Farm welding. Demonstration. Continued. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Breeding troubles in dairy cattle. Forum. Continued. See 10 a.m.

Wing Hall A

Annual meeting of the New York Swine Association. Fred H. Baxter, Endicott, New York, President.

Wing Hall E

Poultry post-mortems. Continued. See 10 a.m.

Moore Laboratory 112

12 m. The curlew's secret—an Alaskan adventure. Illustrated with colored motion pictures. A. A. Allen.

Bailey Hall Auditorium

Our rural highways. Wells Allred.

Warren Hall Auditorium

Slaughtering, scalding, and skinning hogs. Demonstration. C. D. Schutt, J. B. Teeter, and G. H. Wellington. **Judging Pavilion**

Agricultural-engineering motion pictures. P. R. Hoff, C. M. Edwards, E. W. Foss. **Stocking Hall 218**

Veterinary exhibits. Until 2 p.m.

Rabies. New York State Veterinary College cooperating with New York State Inter-departmental Rabies Committee. G. C. Poppen-sick and A. L. Zeissig, Albany, New York.

Diagnosis of bovine mastitis. S. D. Johnson.

Common parasites of New York State. D. W. Baker.

A new cattle disease in New York State. J. A. Baker.

James Law Hall Museum

1 p.m. Motion pictures.

Bailey Hall Auditorium

"The Cheese Family Album." Cheese-making and other selected short subjects. Motion pictures in color. W. F. Shippe, Jr.

Stocking Hall 218

Pork cutting. Demonstration. G. H. Wellington and H. A. Holley.

Wing Hall A

Veterinary exhibits. Continued. See 12 m. **James Law Hall Museum**

2 p.m. Farm fish ponds in New York State. Illustrated with colored slides. Saul Saila and W. F. Clark. **Plant Science 233**

Fertilizers. What is fertilizer and how is some of it made? Sound motion pictures. Until 4 p.m. Comments by N. C. Brady.

Caldwell Hall 100

The farmer and the hunter. Illustrated. L. S. Smith. **Fernow Hall 122**

Potato diggers. B. L. Bondurant and W. N. Weston.

Agricultural Engineering Laboratory (East Wing)

Staff members of the Dairy Department are available for conference. See 10 am. **Stocking Hall**

Manufacture of ice cream and frozen novelties. Demonstration. Until 4 p.m. D. D. Marlatt. **Ice Cream Laboratory, Stocking Hall**

Inspection of herds and experimental hogs. Demonstrations of swine feeding, management, and disease control. Exhibits of equipment for swine and of ringing, cutting tusks of boars and needle teeth of pigs, and the like. Meet in Wing Hall on the first floor. Transportation provided for those without cars. Until 4 p.m. **Swine Barn**

3 p.m. Shall I keep cross-bred poultry, and which cross? J. H. Bruckner.

Rice Hall 300

Food and nutrition clinic. Demonstrations and group counseling. Continued. See 10 a.m. Until 5 p.m. **Savage Hall 130**

Modern soldering methods, painting, varnishing, and care of paint brushes. Demonstrations. E. W. Foss and assistants.

Main Agricultural Engineering Laboratory (West Wing)

Farm welding. Demonstration. See 9 a.m.

Agricultural Engineering Quonset Laboratory (East End)

Let's visit some National Parks. Colored slides. W. F. Clark.

Plant Science 233

A dairy professor's hobby — a trip through the Far West. Colored slides.
B. L. Herrington. **Stocking Hall 119**

Fertilizers. Sound motion pictures. Continued. See 3 p.m.
Caldwell Hall 100

Manufacture of ice cream and frozen novelties. Demonstration. Continued. See 2 p.m.
Ice Cream Laboratory, Stocking Hall

Pork display. C. D. Schutt and G. H. Wellington.
Meat Cutting Room, Wing Hall Basement

4 p.m. Treatment and control of mastitis. Lecture and demonstration. S. D. Johnson.
First floor, Veterinary Medical Building

Pastures, and soil and water conservation. Sound motion pictures. Comments by L. Saltonstall, Jr.
Caldwell Hall 100

China from Shanghai to Chungking. Illustrated with colored slides. W. A. Anderson.
Roberts Hall Assembly

Seal farming in Alaska. Colored slides. R. Dickerman. **Fernow Hall 122**

Tour of lower campus. **Start from Bailey Hall (front)**

Camping for Future Farmers in New York State. Colored slides of Oswegatchie Camp. Harold L. Noakes.
Roberts Hall 392

Food and nutrition clinic. Continued. See 10 a.m. **Savage Hall 130**

Question box and discussion on food and nutrition. Physician, biochemist, and nutritionist from the staffs of the Department of Biochemistry and Nutrition and the School of Nutrition.
Savage Hall 100

Farm welding. Demonstration. See 9 a.m.
Agricultural Engineering Quonset Laboratory (East End)

5 p.m. Beautiful and weird sounds of nature. Illustrated sound recordings. S. Y. Hoyt.
Fernow Hall 122

Evening

High School Basketball Championship. Section IV will be played off after supper. Admission charged.
Barton Hall

ORGANIZATION ANNOUNCEMENTS

ALUMNI ASSOCIATION OF THE NEW YORK STATE COLLEGE OF AGRICULTURE

President—V. B. HART '16

Vice-Presidents—G. F. BRITT '27, W. H. SHERMAN '36, C. KENNETH BULLOCK '26

Secretary-Treasurer—A. W. GIBSON '17

Executive Committee—E. H. THOMSON '09, M. B. GALBREATH '26, H. J. EVANS, Sr. '17

Thursday, March 23

12:15 p.m. Alumni luncheon. For alumni and former students of the College of Agriculture and members of the Faculty.

Terrace Room, Willard Straight Hall

1 p.m. Business meeting.

Terrace Room, Willard Straight Hall

YOUNG ADULT HEADQUARTERS

All persons interested in programs and plans for young adult groups are invited to visit the headquarters at Warren Hall 140.

PLACEMENT OF GRADUATES

Placement of graduates in the College of Agriculture is in charge of H. S. Tyler, 192 Roberts Hall. Anyone who may wish to employ a graduate is invited to discuss his needs with Professor Tyler.

STUDENT HELP ON FARMS

Farmers who would like students to work on their farms during the summer months may make application for such help at the Farm Practice Office, Room 173, Roberts Hall.

CORNELL INDIAN BOARDS SIX NATIONS INDIAN AGRICULTURAL AND HOMEMAKERS SOCIETY

President—Chief HARRY PATTERSON, Tuscarora Reservation, Lewiston, N. Y.

Vice-President—ULYSSES JOHN, Allegany Reservation, Steamburg, N. Y.; JOHN K. BUTTON, Cattaraugus Reservation, Versailles, N. Y.; Chief ISAAC LYON, Onondaga Reservation, Nedrow, N. Y.; HETZEL GARLOW, Tuscarora Reservation, Lewiston, N. Y.; ADAM SPRING, Tonawanda Reservation, Basom, N. Y.

Secretary—Chief ALEX WHITE, St. Regis Mohawk Reservation, Hogansburg, N. Y.

Treasurer—Chief WILLIAM H. ROCKWELL, Oneida Reservation, Oneida, Rt. 1, N. Y.

Joint Homemakers Boards:

Chairman—MRS. EDNA BAILEY, Tonawanda Reservation, Akron, N. Y.

Clerk—MRS. BARBARA PATTERSON, Tuscarora Reservation, Lewiston, N. Y.

Joint 4-H Councils:

Chairman—FRANKLIN P. DOCTOR, Tonawanda Reservation, Akron, N. Y.

Clerk—Chief NOAH HENRY, Tuscarora Reservation, Sanborn, N. Y.

Thursday, March 23

10 a.m. Annual meeting, election of officers, and reports of farmers, homemakers, 4-H, and State Fair Planning Boards. Bailey Hall

F. F. A. AND OSWEGATCHIE CAMP REUNION**Monday, March 20**

Reunion of all F.F.A. members and advisers who have attended the New York F.F.A. Leadership Training Camp. Exhibit of camp photographs and camping ideas. Camp staff members are available for conference. Harold L. Noakes, Director. From 8 a.m. to 4 p.m. 309 Stone Hall.

EXHIBITS

All exhibits are open from 9 a.m. to 5 p.m. daily unless otherwise stated

Agricultural Engineering

Tractors and farm machinery. Main Agricultural Engineering Laboratory (East Wing).

Farm electrification, including dairy-stable ventilation, poultry-house ventilation, automatic poultry watering, automatic poultry feeding, and milk-house heating. Agricultural Engineering Research Laboratory (Tower Road).

A better farmstead. Cornell Student Branch, American Society of Agricultural Engineers. Main Agricultural Engineering Laboratory (Northeast End).

4-H bicycle safety program. Main Corridor, Stocking Hall.

4-H mechanics, project models. Main Agricultural Engineering Laboratory (West Wing).

Irrigation equipment. Agricultural Engineering Research Laboratory (Tower Road).

House wiring and plumbing. Main Agricultural Engineering Laboratory (West Wing).

Evolution of the sewing machine. Main Agricultural Engineering Laboratory (West Wing).

Animal Husbandry

Artificial insemination. Tours are conducted daily, from 1 to 4 p.m., through the Laboratory of Artificial Insemination and the headquarters and barns of the New York Artificial Breeders' Cooperative. Meet at the Laboratory on Judd Falls Road, approximately 1/2 mile from Wing Hall.

Dairy cattle. Visitors are welcome at the dairy barns at all times. Members of the Animal Husbandry staff and the herdsman will be available after 4 p.m. each day to answer questions regarding the Cornell dairy herd.

Beef cattle. Visitors are welcome at the beef barns at all times. A special inspection trip on which the beef-breeding herds and the experimental steers are shown is scheduled for Monday and Tuesday at 3 p.m.

Horses. Visitors are welcome at the horse barn at all times. The new barn is near the beef barn.

Sheep and swine. The sheep and swine barns are open to visitors during the entire week. Trips to the sheep barns are scheduled for Monday at 11 a.m. and for Wednesday at 3:30 p.m. Transportation is provided. See Monday and Wednesday program for the starting point. On Monday at 10 a.m. and on Friday at 2 p.m. trips to the swine barns have been arranged. Transportation is provided for those persons without cars. Meet at Wing Hall, first floor.

Meat and meat products. Meat and meat cuts to show quality and methods of preparation are on display daily except Thursday from 3 to 4:30 p.m. in the Meat Cutting Room in the basement of Wing Hall.

Animal Nutrition

Exhibits of experimental cattle, calves, and dogs are arranged in the Judging Pavilion for Monday and Tuesday. A discussion of the animals and of related experiments is given from 2 to 4 p.m. on Monday and from 10 a.m. to 12 m. on Tuesday. See program for specific topics.

Also, an animal-nutrition exhibit is on display every day in Stocking Hall 160.

Agricultural Economics

Marketing, farm-management, land-economics, and local-government exhibits are in Warren Hall 101.

Agronomy. Caldwell Hall, Room 143.

"This Farming Business" illustrates the effect of lime and fertilizer on the growth of legumes, erosion control, proper seeding mixtures, differences in soil types, and good crop rotation.

Conservation (Forestry, Fish, and Wildlife). Fernow Hall (except as noted).

Fence posts. Equipment, chemicals, and methods used in treating fence posts, and examples of durable tree species. Room 14.

Control of weed trees and brush. Chemicals and methods to control woody weeds. Tools and equipment that can be used in treatment. Examples of treated tree sections. Room 14.

Wood-burning furnace. One of the new types of wood-burning furnaces is on display. Room 14.

Snakes. Representative native snakes of New York State. Room 14.

Fur-bearers. Pelts and specimens of representative fur-bearing animals of New York State. Room 14.

Wildlife damage and control. Room 14.

Fish. The common game, pan, and forage fish of New York State are shown alive in aquariums, and in specimen bottles. Room 14.

Fish culture. Graphic description of the Cortland Trout Hatchery and its workings. Room 14.

Conservation practices on the farm. Terrain models show a complete farm before and after various conservation practices have been applied. Main entrance, Plant Science Building, on Quadrangle.

Forests and wildlife depend on soil. Terrain models of small sections of a farm show the effects of different conservation measures. Main entrance, Plant Science Building, on Quadrangle.

Birds of farm and woodlands. A permanent exhibit in well-lighted cases in the main hallway, second floor.

Fuertes paintings. Bird paintings by the distinguished Cornellian, Louis Agassiz Fuertes, class of '97. Room 207.

Songs of wild birds. Colored slides and phonograph recordings of wild birds. Open as follows: 11 a.m. to 12 m. on Monday, Thursday, and Friday; 10 a.m. to 12 m. on Tuesday and Wednesday; and every afternoon from 2 to 3:30 p.m. Room 210.

Nature study and conservation education. Books on nature and conservation for schools. Miss Eva L. Gordon or Mr. T. E. Eckert, and an exhibit on conservation education. Daily from 2 to 4 p.m. Room 8.

Dairy Industry

The cheeses of New York State. Front hall, first floor, Stocking Hall.

Laboratory of bacteriology. Bacteria and the role of bacteria in certain phases of farm life. From 10 a.m. to 5 p.m. on Tuesday and Thursday. Stocking Hall 301.

Drawing

Freehand drawing, landscape drawing, and scientific illustrations. East Roberts 371.

Entomology.

Comstock Hall, Room 245.

An attractive arrangement of illuminated exhibits, several of them electrically activated, to illustrate phases of insect activity and control methods. Includes information on insecticides, pests of ornamentals, vegetables, potatoes, fruit, livestock, and other types of hosts. Types of insecticide-application equipment. An attendant is present to answer questions pertaining to insect problems or to direct the visitor to a specialist from whom he may obtain the most recent information. These exhibits are different from those seen by more than 3000 persons during Farm and Home Week of 1949.

Floriculture

Main Range Floricultural Greenhouses. F. Horton and J. Hamilton. Carnation growing; chrysanthemums—controlled flowering; orchid experiments; rose growing; small orlyt greenhouses; automatic heating; automatic watering; automatic ventilating; plant propagation; storage of nursery stock, and how soil temperature modifies plant growth.

Room 15, Plant Science Building. Ernest Schaufser. Orchid display, what grows in your lawn, plant propagation in the home, novel plants, and student flower shop.

Room 29, Plant Science Building. Garden Club headquarters. Mrs. A. M. S. Pridham, Ithaca, New York, and Mrs. O. M. Brauner, Ithaca, New York. Daily except Monday and Friday. Exhibits include conservation of wild flowers, flower arrangements, and program planning.

Room 433, Plant Science Building. J. P. Porter.

Landscape consultation service. Plans, sketches, and models.

Historical Documents

Collections from New York farms and homes. Mrs. Edith M. Fox. Warren Hall 101.

Home Economics. See Homemakers' exhibits, page 47.

Nutrition

Food freezing and preservation. Savage Hall 116, Monday through Friday from 9 a.m. to 4:30 p.m. P. E. Ramstad in charge. Food preservation and freezing, including packaging materials for use in food freezing; display showing the size of a cubic foot in terms of frozen food packages; relative prices and food values of fresh, canned, and frozen foods at various seasons; and related exhibits on food preservation. Department of Biochemistry and Nutrition and the School of Nutrition.

Plant Breeding. Plant Science, Room 146.

Pictures and exhibits of the latest in crop varieties. Members of the Plant Breeding Department staff will be on hand to answer questions.

Potatoes. The latest on varieties and yields. Tuber samples.

Corn. The corn maturity guide; what hybrids are adapted for grain and silage; ear samples; what happens at different stages of development in the corn plant.

Grains. Sheaf and grain samples; what's new in oat, barley, and wheat varieties; the 1949 grain trials.

Forage. Charts and data on performance of legumes and grass varieties.

Genetics. Adaptation of molds to growth suppressors. Genetics of coat color in rabbits.

Vegetables. Bean samples and seedling diseases.

Plant Pathology. Plant Science, third floor.

Exhibits of plant diseases and of control methods.

Pomology

Apple exhibit. A display of apple varieties grown in New York and other leading fruit sections. Set up and supervised largely by the Pomology Club, a group of undergraduate students interested in the advancement of fruit production. Plant Science Building, Room 107.

Poultry

All exhibits are in Room 100, first floor and corridors, first and second floors, Rice Hall.

Development of the chick. Living embryos at various stages of incubation, and of chicks in the process of hatching, with a brief description of some important events in embryonic development.

Systems of poultry flock-management. How buildings and the system of management combine to give high returns from the laying flock.

Live birds. Bantams used to demonstrate the characteristics of breeds and varieties of chickens.

Nutrition. Facts which show that "efficiency" is the aim in poultry feeding.

Turkey. A display of dressed turkeys and turkey products for family use.

Poultry marketing. Dressed bird exhibit; methods of dressing poultry; classes of dressed poultry; wrapping materials used when freezing poultry; and New York State official retail grades and quality standards.

Poultry equipment. Watering equipment; cold protection; feed-supply location; importance of automatic watering systems; and enlargements of equipment.

4-H. Projects and contests in 4-H available to New York State boys and girls.

Fashions in chicks. Breeds and varieties which were popular fifty years ago.

The mechanical hen. Enlarged figure illustrating the perfect factory for manufacturing the egg.

Publications.

Extension Bulletins are available in the mailing room in the basement of Roberts Hall.

Rural Church

Church school materials for children.

Rural church architecture.

Rural church literature including a Lord's Acre display. Warren Hall 340.

Rural Sociology

How does your community stack up?

What health services do rural New Yorkers use? Warren Hall 140.

Vegetables. East Roberts Hall, Room 223.

The potato-chip maker — taste and see what makes quality in crisp, hot, potato chips.

Earlier tomatoes from fruit-set hormones.

Vegetable-growers quiz — match your wits against the robot answer man.

Knowledge is strength — courses of instruction (illustrated) in the *Department of Vegetable Crops*.

Weed pests of New York — how many do you know?

Potatoes get thirsty — irrigation and its value.

New potato varieties — which are for you?

Chemical weed control for vegetables.

Quality in potatoes.

Vegetable publications.

Vocational Guidance

You and your future job. Ways to evaluate personal qualifications. Information about job requirements. Warren Hall 140.

Young Adult Headquarters

Exhibits of special interest to young adult groups. Warren Hall 140.

Homemakers' Program

INFORMATION

Entrances and Exits—Martha Van Rensselaer Hall

Entrance to Martha Van Rensselaer Hall during Farm and Home Week is through the center and east doors. West doors are for exit only. Amphitheater entrance is on the second floor only.

How to Locate Rooms

Rooms that have been scheduled for lectures or exhibits are indicated as shown. Notice that:

- Basement-floor rooms are indicated by "B," as B-10
- Ground-floor rooms are indicated by "G," as G-29
- First-floor rooms begin with 1, as 114, 121
- Second-floor rooms begin with 2, as 215, 257
- Third-floor rooms begin with 3, as 317
- Third-floor mezzanine rooms begin with 3M, as 3M23
- Fourth-floor rooms begin with 4, as 408

Family Life Wing

From *inside the building*, the Family Life Wing is reached only through the corridor at the foot of the east stairway on the ground floor, which is one flight below the first floor.

From *outside the building*, the Nursery School is reached by the outside door in the Family Life Wing, which is at the east end of Martha Van Rensselaer Hall.

Rooms Listed in the Program

Basement Floor Rooms

B-10.....Main Corridor

Ground Floor Rooms

Cafeteria.....West Wing
G-62.....Main Corridor
G-18, G-19, G-19A, G-22, G-27, G-29.....East Wing

First Floor Rooms

Auditorium.....West Wing
Faculty Lounge, 102, 134, 155.....Main Corridor
114, 115, 121, 124.....East Wing

Second Floor Rooms

Amphitheatre (balcony entrance), 278.....	West Wing
257, 285.....	Main Corridor
215, 216, 226, 234.....	East Wing

Third Floor Rooms

360, 361.....	West Wing
301, 339.....	Main Corridor
317, 318, 322, 327.....	East Wing

Mezzanine Floor Rooms

3M11, 3M14, 3M23.....	Main Corridor
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Fourth Floor Rooms

426.....	West Wing
408.....	East Wing

Family Life Wing

Nursery School.....	First Floor
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Rooms for Special Activities

Check Room.....	Room 124
Cornell Child and Adult Study Club and Family Life Discussion Group Members and Leaders.....	Room G-27
Council of Rural Women.....	Room 285
First-aid Emergency Room	Room 3M23
Nurse on duty. Telephone 2330	
Home Bureau Federation.....	Room 222 Van Rensselaer Annex
Home Demonstration Agents.....	Room 257
Home Economics Teachers.....	3M11
Information.....	Room 102
Press.....	Room 155
Student Services, including Guide Service	Room 115

LECTURES AND DEMONSTRATIONS

For list of exhibits, see pages 47 to 52

Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University. Guest speakers and demonstrators are so designated only at first listing. Persons taking part in the program are listed in the Index (beginning at page 53).

Unless otherwise noted, all lectures and demonstrations are forty-five minutes long and are given in Martha Van Rensselaer Hall.

Directions for locating rooms may be found on page 39.

Additional subjects of interest to homemakers are listed in the agricultural program.

MONDAY, MARCH 20

- | | | |
|----------|---|--------------|
| 10 a. m. | Motion picture: "A College of Home Economics." Produced under the direction of the U.S. Department of State. Repeated at 11 a. m. and at 12 noon; Friday at 1, 2, and 3 p. m. | Auditorium |
| 11 a. m. | Motion picture: "A College of Home Economics." Repeated at 12 noon; Friday at 1, 2, and 3 p. m. | Auditorium |
| 12 m. | Motion picture: "A College of Home Economics." Repeated Friday at 1, 2, and 3 p. m. | Auditorium |
| 1 p. m. | Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Tuesday, Wednesday, and Thursday at 9 a. m. and at 1 p. m.; Friday at 9 a. m. | Room 408 |
| 2 p. m. | Parents and children talk it over. A group of parents and children try to solve problems by discussion. Irene Patterson, chairman. Repeated Thursday at 11 a. m. | Room 121 |
| | Spare your body as you work. Mrs. Esther C. Bratton. Repeated Wednesday at 3 p. m. | Room 215 |
| | Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence E. Wright. Repeated Tuesday, Wednesday, and Thursday at 11 a. m. and at 2 p. m.; Friday at 11 a. m. | Room 408 |
| 3 p. m. | Timesaving tricks in cooking. A student demonstration. Beverly Collins. In charge: Elizabeth Hester. Repeated Wednesday at 9 a. m. | Amphitheater |
| | Your own child's behavior. <i>Individual conferences.</i> Mrs. Ethel B. Waring. Repeated Tuesday, Wednesday, and Thursday at 3 p. m. | Room G-29 |
| | Personality development in the preschool years. Harold Feldman. | Room 121 |
| | Textile stenciling. A demonstration. Clara Straight. Repeated Tuesday, Wednesday, and Thursday at 3 p. m. | Room 322 |

TUESDAY, MARCH 21

- 9 a. m. Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Tuesday at 1 p. m.; Wednesday and Thursday at 9 a. m. and 1 p. m.; Friday at 9 a. m. Room 408
- Vegetables can be good. A student demonstration. Esther Artman. In charge: Nelle Thompson. Repeated Thursday at 9 a. m. Room 426
- 9:30 a. m. Meals for paying guests. For operators of summer boarding houses. How to plan attractive menus, buy food wisely, and control food costs. Until 11 a. m. Dorothy M. Proud. Repeated Thursday, from 9:30 to 11 a. m. Room G-62
- 10 a. m. Facts about prefabricated houses. An illustrated lecture. Glenn H. Beyer. Repeated Thursday at 10 a. m., Roberts Assembly, Roberts Hall. Auditorium
- Tricks with pastry. A demonstration. Myrtle Ericson. Repeated Thursday at 10 a. m. Amphitheater
- You and your family. *Individual conferences.* Mrs. Dorothea Leighton, M.D. Repeated Wednesday at 10 a. m. Room G-29
- Meals for paying guests. Continued from 9:30 a. m. Room G-62
- Fortifying your dreams for financial security. Round table. Ann Aikin, chairman; Ruth Deacon; Mabel Rollins; Frances Graham, Home Demonstration Agent, Cattaraugus County; Margaret Bailey, college student. Room 121
- Using the new fabrics. Vivian White. Repeated Wednesday at 10 a. m. Room 215
- What about education after high school? Panel discussion. Sara Blackwell, chairman; Mrs. Jeanette Read; Marvin Glock; Dorothy Lawson, Chief, Bureau of Home Economics, Albany, New York; parents and students. Repeated Wednesday at 10 a. m. Room 3M11
- 11 a. m. Food after forty. Illustrated lecture. C. M. McCay. Repeated Wednesday at 9:00 a. m. Auditorium
- Selection of men's wear. Irv Lewis, Retailer in Men's and Boys' Clothing, Ithaca, New York. Repeated Thursday at 11 a. m. Amphitheater
- Financing a college education. Panel discussion. Mrs. Jeanette Read, chairman; Eleanor Simonds, Financial Counselor; R. W. Storandt, Assistant Director of Admissions; and students from the Endowed and State Colleges. Room 121
- Easier work and more living. Mrs. Mary K. Heiner. Repeated Thursday at 11 a. m. Room 215
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence Room 408

- E. Wright. Repeated Tuesday at 2 p. m.; Wednesday and Thursday at 11 a. m. and at 2 p. m.; Friday at 11 a. m.
- 12 m. Success or failure with new detergents. Mrs. Lucille J. Williamson. Repeated Friday at 10 a. m. Auditorium
- Crepes suzettes. A student demonstration. Dorothy Bauer. In charge: Nelle Thompson. Room 426
- 1 p. m. Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Wednesday and Thursday at 9 a. m. and 1 p. m.; Friday at 9 a. m. Room 408
- 2 p. m. Address. Allan B. Kline, President, American Farm Bureau Federation, Chicago, Illinois. Bailey Auditorium
- Housing the farm family. James E. Montgomery. Repeated Wednesday at 2 p. m. Room 215
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence E. Wright. Repeated Wednesday and Thursday at 11 a. m. and at 2 p. m.; Friday at 11 a. m. Room 408
- 3 p. m. Elsie Van Buren Rice stage. Until 4:30. Public-speaking contest for girls in the College of Home Economics. Six contestants will give 12-minute speeches on subjects of interest to women. Auditorium
- Eggs every day. A demonstration, with emphasis on custards and meringues. Dorothy Peck and Elizabeth Vollmer. Repeated Wednesday at 3 p. m. Amphitheater
- Your own child's behavior. *Individual conferences.* Mrs. Ethel B. Waring. Repeated Wednesday and Thursday at 3 p. m. Room G-29
- The telltale look in the family washing. Mary Purchase. Repeated Thursday at 3 p. m. Room 121
- Textile stenciling. A demonstration. Clara Straight. Repeated Wednesday and Thursday at 3 p. m. Room 322
- 4 p. m. Elsie Van Buren Rice stage. Continued from 3 p. m. Auditorium
- 7:30 p. m. Sacred Oratorio. See page 17. Sage Chapel

WEDNESDAY, MARCH 22

- 9 a. m. Food after forty. Illustrated lecture. C. M. McCay. Auditorium
- Timesaving tricks in cooking. A student demonstration. Beverly Collins. In charge: Elizabeth Hester. Amphitheater

- Spiritual values in family living. Royden C. Braithwaite. Room 121
- Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Wednesday at 1 p. m.; Thursday at 9 a. m. and at 1 p. m.; Friday at 9 a. m. Room 408
- 10 a. m. Your college explores for creative personalities. Urie Bronfenbrenner. Auditorium
- You and your family. *Individual conferences.* Mrs. Dorothea Leighton, M.D. Room G-29
- Why does marketing take 59 cents of the family dollar? Mabel Rollins. Room 121
- Using the new fabrics. Vivian White Room 215
- What about education after high school? Panel discussion. Sara Blackwell, chairman; Mrs. Jeanette Read; Marvin Glock; Dorothy Lawson; parents and students. Room 3M11
- A foolproof cake for brides. A student demonstration. Jo Kessel. In charge: Nelle Thompson. Room 426
- 11 a. m. Homemade bread and rolls. A demonstration. Marion Pfund. Repeated Thursday at 3 p. m. Amphitheater
- How important is a will? Armand L. Adams, Attorney, Ithaca, New York. Room 121
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence E. Wright. Repeated Wednesday at 2 p. m.; Thursday at 11 a. m. and at 2 p. m.; Friday at 11 a. m. Room 408
- 12 m. Automatic washers—to have or not? Mrs. Lucille J. Williamson. Repeated Thursday at 12 noon. Auditorium
- An imaginary trip through a restaurant kitchen. A student demonstration. Florence Conover. In charge: Nelle Thompson. Room 426
- 1 p. m. Cornell University concert band. William A. Campbell, Director. Bailey Auditorium
- Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Thursday at 9 a. m. and at 1 p. m.; Friday at 9 a. m. Room 408
- 2 p. m. Address. Alvin C. Eurich. President of the State University of New York, Albany, New York. Introduction by C. W. de Kiewiet, Acting President, Cornell University. Bailey Auditorium
- Housing the farm family. James E. Montgomery. Room 215
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence Room 408

- E. Wright. Repeated Thursday at 11 a. m. and at 2 p. m.; Friday at 11 a. m.
- 3 p. m. Eggs every day. A demonstration, with emphasis on custards and meringues. Dorothy Peck and Elizabeth Vollmer. Amphitheater
- Your own child's behavior. *Individual conferences.* Room G-29
Mrs. Ethel B. Waring. Repeated Thursday at 3 p. m.
- Spare your body as you work. Mrs. Esther C. Bratton. Room 215
- Textile stenciling. A demonstration. Clara Straight. Repeated Thursday at 3 p. m. Room 322
- 3:30 p. m. Dress review of students' work in clothing, and appropriate flowers to wear. The dress review is staged cooperatively by the Department of Clothing and the Department of Floriculture and Ornamental Horticulture. Ora Singleton, chairman; Eleanore Adam, Mrs. Gladys Butt, Margaret Humphrey, Ruth Scott, Susan Colton, Phyllis Reuning, of the Department of Clothing; Miss Vera Hakanson and Mr. Raymond Fox, of the Department of Floriculture and Ornamental Horticulture. Repeated Thursday at 3:30 p. m. Bailey Auditorium
- 8:15 p. m. Variety show "Kampus Kartwheels." By Kermis Society, a student dramatic club. Admission charged. Auditorium

THURSDAY, MARCH 23

- 9 a. m. Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Thursday at 1 p. m.; Friday at 9 a. m. Room 408
- Vegetables can be good. A student demonstration. Esther Artman. In charge: Nelle Thompson. Room 426
- 9:30 a. m. Meals for paying guests. For operators of summer boarding houses. How to plan attractive menus, buy food wisely, and control food costs. Until 11 a. m. Dorothy M. Proud. Room G-62
- 10 a. m. Dating and marriage. Edward Pope. Auditorium
- Tricks with pastry. A demonstration. Myrtle Ericson. Amphitheater
- You and your family. *Individual conferences.* Room G-29
Robert H. Dalton. Repeated Friday at 10 a. m.
- Meals for paying guests. Continued from 9:30 a. m. Room G-62
- Ups and downs in home managing. Mrs. George Hervey, Ontario County Homemaker. Room 121
- Facts about prefabricated houses. An illustrated lecture. Glenn H. Beyer. Roberts Assembly, Roberts Hall

- 11 a. m. Parents and children talk it over. A group of parents and children try to solve problems by discussion. Irene Patterson, chairman. Auditorium
- Selection of men's wear. Irv Lewis. Amphitheater
- Easier work and more living. Mrs. Mary K. Heiner. Room 215
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence E. Wright. Repeated Thursday at 2 p. m.; Friday at 11 a. m. Room 408
- 12 m. Headlines and hairlines. Lecture-demonstration of hair arrangements. Mrs. Gladys Butt. Auditorium
- What we would like in family-life education. Panel discussion. Margaret Brooks, chairman. Room 121
- Automatic washers—to have or not? Mrs. Lucille J. Williamson. Room 215
- 1 p. m. Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Repeated Friday at 9 a. m. Room 408
- 2 p. m. The future of family life in America. Symposium. Elizabeth Lee Vincent, Dean of the College of Home Economics, chairman; Mrs. Ralph Reid, President of the New York State Federation of Home Bureaus, Salem, New York; Jack Dean, young farmer, Sherman, New York; Mrs. Rosemary Wilson, young homemaker, Oswego, New York; L. S. Cottrell, Jr., Professor of Sociology and Dean of the College of Arts and Sciences; R. C. Smart, Professor of Child Development and Family Relationships. Bailey Auditorium
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston rockers. Florence E. Wright. Repeated Friday at 11 a. m. Room 408
- 3 p. m. Homemade bread and rolls. A demonstration. Marion Pfund. Amphitheater
- Your own child's behavior. *Individual conferences.* Mrs. Ethel B. Waring. Room G-29
- The telltale look in the family washing. Mary Purchase. Room 121
- Textile stenciling. A demonstration. Clara Straight. Room 322
- 3:30 p. m. Dress review of students' work in clothing, and appropriate flowers to wear. The dress review is staged cooperatively by the Department of Clothing and the Department of Floriculture and Ornamental Horticulture. Ora Singleton, chairman. Bailey Auditorium

FRIDAY, MARCH 24

- 9 a. m. Rush seats. A demonstration of the steps taken in the weaving of rush seats. Mrs. Ruth B. Comstock. Room 408
- 10 a. m. Success or failure with new detergents. Mrs. Lucille J. Williamson. Auditorium
- A foolproof cake for brides. A student demonstration. Jo Kessel. In charge: Nelle Thompson. Amphitheater
- You and your family. *Individual conferences.* Robert H. Dalton. Room G-29
- Seeing life through children's eyes. R. C. Smart. Room 121
- 11 a. m. Good growing "weather" in the family. Margaret Wylie. Auditorium
- Stenciled furniture. A demonstration of authentic techniques used in restoring Hitchcock type chairs and Boston Rockers. Florence E. Wright. Room 408
- 1 p. m. Motion picture: "A College of Home Economics." Produced under the direction of the U.S. Department of State. Repeated at 2 and 3 p. m. Auditorium
- 2 p. m. Motion picture: "A College of Home Economics." Repeated at 3 p.m. Auditorium
- 3 p. m. Motion picture: "A College of Home Economics." Auditorium

EXHIBITS

Basement

CREATIVE FUN FOR THE FAMILY

Room B-10

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Katherine Reeves, Mrs. Marie Reed, R. C. Smart, Margaret Brooks, Doris Kells, and students.

Through photographs and displays, this exhibit attempts to show some of the ways in which families can play together. The exhibit includes toys and woodworking projects, music, books, nature and science materials, products made with paint, plastics, clay, and textiles.

Ground Floor

SITTING TO IRON

Room G-18

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mary Purchase, Mrs. Lucille J. Williamson, Alice Davey, Mrs. Lora Margulis, Helen Voorhis.

This exhibit includes types of ironing boards that are

designed for ironing while sitting, and several electric ironers that show the variety of features available. The use of this equipment is demonstrated.

THE COST OF KITCHEN CONVENIENCES—HOMEMADE, FACTORY-MADE, OR CUSTOM-MADE Room G-19

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Ella Cushman, Verda Dale.

This exhibit shows samples and comparative costs of several kitchen conveniences made at home, in the factory, or by a cabinetmaker.

SIMPLIFYING KITCHEN STORAGE

Room G-19

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Mary K. Heiner, Rose Steidl.

Displayed are a variety of cabinets to show how the homemaker may simplify storage. Included are some illustrations from Scandinavian kitchens.

CONVENIENT STORAGE IN THE HOME

Room G-19

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Ruth Deacon, Leola Cooper, Mrs. Dorothy Cousens.

This exhibit shows convenient storage of household cleaning supplies and family belongings.

ELECTRIC AND GAS CLOTHES DRYERS

Room G-19A

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Lucille J. Williamson, Alice Davey, Mrs. Lora Margulis, Helen Voorhis.

What electric and gas clothes dryers do, what they cost, and how to use them.

BROWSING ROOM: RESOURCE MATERIAL IN CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS

Room G-22

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Ethel B. Waring, Mrs. Virginia Wilson, Royden C. Braithwaite, Harold Feldman, and students.

Included are recent books, magazines, and pamphlets on various aspects of child development and family relationships.

NURSERY SCHOOL IN SESSION FOR OBSERVATION

Room G-29

Monday, 2 to 3 p. m.; Tuesday through Thursday, 9 a. m. to 12 noon and 2 to 3 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Esther Harris, Mary Barrett, Betty Marsh, Mrs. Marie Reed, Mrs. Loreen Moshier, and students.

From special booths, children in the nursery school are seen as they work and play together. Since only ten observers can occupy these booths at any time, visitors are asked to sign for observation in advance, at a table near Room G-29.

Monday through Thursday from 1 to 2 p. m.

Each day during this hour, which is nap time in the nursery school, some of the rooms of the nursery school may be seen. Visitors are asked to sign for this kind of observation in advance, also at a table near Room G-29.

SENIOR NURSERY SCHOOL PLAYROOM OPEN FOR VISITORS

Monday through Thursday, 3 to 4 p. m.

In charge: Elizabeth M. Marsh, Esther K. Harris.

JUNIOR-INTERMEDIATE NURSERY SCHOOL PLAYROOMS OPEN FOR VISITORS

Monday through Thursday, 3 to 4 p. m.

In charge: Mary Barrett, Esther K. Harris.

EQUIPMENT FOR THE COMMUNITY KITCHEN

Room G-62

Tuesday, Wednesday, and Thursday, 9 a. m. to 5 p. m.

In charge: Agnes M. Carlson and students.

First Floor

VOCATIONAL OPPORTUNITIES IN HOME ECONOMICS

Room 134

Monday through Friday, 9 a. m. to 5 p. m.

In charge: Esther Stocks, Mrs. Doris Wood.

The exhibit shows the beginning jobs of the class of '49, and contains information about home economics jobs that require experience. Pictures, bibliographies, and samples of vocational bulletins are available. Student-members of the vocational information committee of the Home Economics Club assisted in the preparation of this exhibit.

Second Floor

NEW YORK STATE LIBRARY, EXTENSION DIVISION. Browsing room featuring current books of interest to homemakers, supplied by the Division of Library Extension.

Room 216

Monday, 1 to 5 p. m.; *Tuesday through Thursday*, 9 a. m. to 5 p. m.; *Friday*, 9 a. m. to 12 noon.

In charge: Miss I. Marie Gustafson, Public Library Supervisor; Mrs. Anne Hulst, Junior Librarian, Traveling Libraries Section; Mr. S. Gilbert Prentice, Head, Traveling Libraries Section (members of staff of New York State Library, State Education Department, Albany).

An exhibit designed to show library services available to residents of the State.

KEEPING CLOTHES WEARABLE

Room 226

Monday, 1 to 5 p. m.; *Tuesday through Thursday*, 9 a. m. to 5 p. m.; *Friday*, 9 a. m. to 12 noon.

In charge: Senior Extension Clothing Specialists Mildred Carney, Anita Morris, Mrs. Helen P. Smith.

Exhibit and demonstration of simple mending, removal of surface soil with detergents, handling of pressing equipment, and the like.

SELECTION OF MEN'S WEAR

Room 234

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Margaret Humphrey, Mrs. Mary Ryan, Lois Nelson.

NEW FABRICS

Room 278

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Vivian White, Mrs. Gladys Butt, assisted by students from textile classes.

A demonstration exhibit that shows some 1950 materials, their use and care.

EXHIBIT CASE: STUDENT WORK IN DRESS DESIGN

Second Floor
Corridor

In charge: Mrs. Elsie Frost McMurry, Susan Colton.

Third Floor

FOOD AFTER FORTY

Room 301

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Hazel Hauck, Katherine Newman, Lillian Shaben.

An exhibit illustrating some of the dietary problems of middle-aged and older persons, with suggestions for meeting these problems.

LOOKING AT OURSELVES, 1850 TO 1950

Room 317

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Departments of Child Development and Family Relationships, Housing and Design, Textiles and Clothing.

An exhibit planned to contrast the philosophies of family living as shown by clothing and furnishings of the nineteenth century and the twentieth century.

TEXTILE DESIGNS AND FABRICS

Room 318

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Dora Erway, Mary Louise Bell.

The designs and fabrics shown in this exhibit were created by students of the Department of Housing and Design.

COLOR AND DESIGN PROBLEMS

Room 322

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Clara Straight.

An exhibit of designs created by students of the Department of Housing and Design.

HOUSE PLANNING

Room 327

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Ruby M. Loper, Mrs. Charlotte B. Robinson.

An exhibit of features to consider when planning new

homes or remodeling old ones. Suggestions for "built-ins" that will provide storage space for various types of items owned by families. On display is an example of drawer storage, dressing table, desk, and book space for the small bedroom.

NEWS FROM OUR RESEARCH LABORATORIES

Room 339

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Nell Mondy, Alice Briant, Mrs. Lola Dudgeon, Faith Fenton, Frances Johnston.

This exhibit shows some of the findings in our food and nutrition research laboratories that are of interest to homemakers.

SET AN ATTRACTIVE TABLE

Room 360

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Isobel Searls, Mildred Dunn, Therese Wood. This exhibit shows table settings for everyday and party meals.

MODEL ROADSIDE STAND

Room 361

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Mildred Meskil, Deputy Commissioner, New York State Department of Commerce, Albany.

A model roadside stand that was exhibited at the State Fair at Syracuse by the New York State Department of Commerce in September, 1949.

BROWSING ROOM: TEACHING MATERIALS FOR LOCAL LEADERS AND TEACHERS

Room 3M11

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Helen Moser, Carolyn Crawford.

The materials on display suggest opportunities for home economics training after high school, ways to help teenagers with their problems. There are also aids for leaders of local groups.

READING ROOM: CURRENT LITERATURE ON HOUSING AND HOME FURNISHINGS

Room 3M14

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Graduate assistants Jane Schoppe and Martha Wright.

Homemakers are welcome to examine reference books, magazines, and pamphlets helpful in planning or remodeling, building, or refurnishing a home.

Fourth Floor

STENCILED FURNITURE

Room 408

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Florence E. Wright assisted by home demonstration agents and county leaders.

An exhibit and demonstration of the steps taken in decorating Hitchcock type chairs and Boston rockers. The exhibit includes original pieces illustrating the historical development of patterns and techniques used on decorated furniture of the 1800's.

RUSH SEATS

Room 408

Monday, 1 to 5 p. m.; Tuesday through Thursday, 9 a. m. to 5 p. m.; Friday, 9 a. m. to 12 noon.

In charge: Mrs. Ruth B. Comstock assisted by home demonstration agents and county leaders.

An exhibit and demonstration of the steps taken in the weaving of rush chair seats.

ANNOUNCEMENTS

NEW YORK STATE FEDERATION OF HOME BUREAUS

Federation headquarters for all Home Bureau members.

Room 222 Van Rensselaer Annex

Meeting of Board of Directors. 9:30 a. m. to 10 p. m. Tuesday, March 21.

Room 114

ALUMNAE OF THE COLLEGE OF HOME ECONOMICS

Alumnae Day: Wednesday, March 22. Tea for alumnae and faculty of the New York State College of Home Economics, from 3 to 5 p. m.

Faculty Lounge

STATE COUNCIL OF HOME BUREAU CHAIRMEN

Meeting, from 1 to 4 p. m., Monday, March 20

Auditorium

CORNELL CHILD AND ADULT STUDY CLUBS AND FAMILY LIFE DISCUSSION GROUPS

All study-club members and family-life leaders are invited to sign the visitors' list in this room. Suggestions for programs are available here.

Room G-27

NEW YORK STATE COUNCIL OF RURAL WOMEN

Meeting 4 p. m., Thursday, March 23

Meeting 9 a. m., Friday, March 24

Room 114

CORNELL UNIVERSITY CAMPUS TOURS

The Women's Activities Committee of Willard Straight Hall will conduct tours of the campus. Persons wishing to sign for these may do so at the Information Office, 102 Martha Van Rensselaer Hall.

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